

Coastal Hazards Working Group NOTES

Date: Thursday 20 August 2020
Time: 2pm
Venue: Committee Room 1, Level 2, Civic Offices,
53 Hereford Street, Christchurch

Present

Chairperson	Councillor Mike Davidson
Members	Councillor Sara Templeton Councillor Melanie Coker – by audio/visual link Councillor Pauline Cotter Councillor James Daniels Councillor Yani Johanson – by audio/visual link Councillor Phil Mauger Councillor Andrew Turner
Staff	Shayne Te Aika as proxy until Ngai Tahu representatives selected Brendan Anstiss, GM Strategy and Transformation David Griffiths, Head of Strategic Planning and Transport Katy McRae, Engagement Manager Jane Morgan, Principal Programme Advisor Mel Rountree, Principal Advisor, Planning Ruby Clark, Programme Coordinator Tom Parsons, Stormwater and Waterways Engineer

17 August 2020

Principal Advisor

Brendan Anstiss
GM Strategy & Transportation
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Meetings of the Coastal Hazards Working Group are not open to the public.

The Working Group reports to the Urban Development and Transport Committee

The agenda was dealt with in the following order.

1. Apologies / Ngā Whakapāha

Committee Decision

That the apologies from staff members Maiki Anderson, Peter Kingsbury (staff) be received.

2. Coastal Hazards Working Group - Introduction to Coastal Hazards Adaptation Planning

Workshop Discussion

Presentation

- Jane Morgan, Ruby Clark, Katy McRae, and Mel Rountree presented to the Working Group.

Scheduled Programme of Work

- The plan change work stream will now run parallel to the adaptation planning work stream.
- Future workshops to be 2 hours in length.

Councillor Andrew Turner leaves the meeting at 2.09pm and returns at 2.11pm.

Membership:

- Ngai Tahu selection of two representatives is underway. Hopeful the appointees will be in place before second workshop on 30th August 2020.
- Value of an Environment Canterbury representative recognised. Conversations underway with Environment Canterbury about possibility of its involvement.

Principles and expectations:

- This is a significant project that will have significant implications for a wide group of people.
- Free flowing workshops to share ideas and challenge thinking.
- Goal to help community understand adaptation planning process, and provide opportunities to engage at multiple steps.
- Staff will need to inform Working Group at various points whether it seeks high level input, or specific input into detailed aspects of the programme of work.
- Ensure we have a united front when we are engaging publically and respect our different roles as elected members and staff.
- Goal to be very open about our engagement with people. We want to build trust and direct people to publicly available information and engagement opportunities. An online record of engagement steps should be provided on the Council website for accountability and transparency.

What are Coastal Hazards and how do they affect us?

- This work to address flooding, erosion, and rising groundwater where these hazards are caused by sea level rise. These events are projected to increase in frequency. There is inherent uncertainty in projections, however, we don't need to understand the exact timing of these events to address the issue.
- Terminology will be important. Many communities in low-lying areas are unlikely to understand risks to their property from coastal hazards, i.e. Woolston is 'coastal' within a national context.
- Understanding groundwater is complicated. It is a challenge we will need to face during this programme of work. It will be expensive and will have cascading implications on other areas of Council services and work.

Why should we plan for Coastal Hazards?

- National Policy Statements and multiple legislative requirements
- RMA provides for existing uses. This influences peoples perspective. Legal and insurance stakeholders. Understanding insurance perspective.
- Insurance is canary in coal mine, followed quickly by banks.
- Unsure at this stage whether Insurance Industry willing to face public with Council.

Responding to Coastal Hazards through Adaptation Planning

- 10-step community engagement process
- Options and actions: avoid, accommodate, protect, planned retreat/relocation. Term 'retreat' needs to be part of conversation.
- Not only residents but users of coastline will be affected by coastal hazards.
- If wider City values coastal spaces in Christchurch they have an opportunity to be involved in this conversation.

Councillor Pauline Cotter left the meeting at 3.19pm and returned at 3.22pm

What lessons have we learned & what challenges lie ahead?

- The likelihood (of occurrence) and severity of exposure to coastal hazards will inform the amount of and timing of engagement with communities.
- [REDACTED] Risk that there will be comparison between communities.
- There are few precedents in how to address this issues and little central government direction.
- Need to be conscious that each community will have different levels of access to legal, technical, and planning advice and this could create inequities.
- Engagement fatigue will be an issue to be managed.
- Do not expect consensus. No community will have a single view on these matters.

Action points identified during workshop:

1. Develop an overview of roles and responsibilities each agency has concerning coastal hazards including a section on what Council must do and what Council has some flexibility to do.
2. Establish a Reference Library folder in Big Tin Can for Coastal Hazards Working Group.
3. Populate Reference Library with key documents.
4. Include consideration of existing use rights in the package of adaptation questions the Project Team seek professional advice on.
5. The Working Group requested further information on the model(s) insurance companies use to assess risk. Insurance companies will be the 'canary in the coal mine' on coastal hazard risks.
6. Collate a glossary of terms used in legislation and policy documentation to be included in Reference Library.
7. Invite Councillor Templeton to sit in on one of the school lessons held to raise coastal hazard awareness.
8. Ensure all steps in process of engagement explicit on Council website and proactively release information to reduce information requests from public.

Meeting concluded at 3.34pm.

CONFIRMED THIS 31st DAY OF AUGUST 2020

MIKE DAVIDSON
CHAIRPERSON

Coastal Hazards Working Group NOTES

Date: Monday 31 August 2020
Time: 1.30pm
Venue: Council Chambers, Civic Offices,
53 Hereford Street, Christchurch

Present

Chairperson	Councillor Mike Davidson
Members	Councillor Sara Templeton Councillor Melanie Coker Councillor Pauline Cotter Councillor James Daniels Councillor Yani Johanson – via audio/visual link Councillor Phil Mauger Councillor Andrew Turner
Staff Members	Shayne Te Aika as proxy until Ngai Tahu representatives selected Mike Gillooly, Chief Resilience Officer Katy McRae, Engagement Manager Jane Morgan, Principal Programme Advisor Mel Rountree, Principal Advisor, Planning Ruby Clark, Programme Coordinator Tom Parsons, Stormwater and Waterways Engineer

27 August 2020

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The agenda was dealt with in the following order.

1. Apologies / Ngā Whakapāha

Committee Decision

That the apologies received from Pauline Cotter for lateness and Brendan Anstiss be accepted.

2. Notes of the Previous Meeting to be Received

Committee Decision

That the minutes of the Coastal Hazards Working Group meeting held on Thursday, 20 August 2020 be confirmed.

3. Coastal Hazards Adaptation Planning proposed programme approach

Workshop Discussion

Jane Morgan, Mel Rountree, Maiki Anderson, Katy McRae, & Tom Parsons presented to the Working Group

Workshop 2 introduced the Working Group to the Coastal Hazards Adaptation Programme (CHAP). This was a high-level overview of phases and milestones and focussed on the three foundation documents:

1. Baseline Information Document
2. Coastal Hazards Assessment
3. Options Assessment Framework

Phase One: Programme Initiation

Coastal Hazards Assessment (CHA)

- Maiki showcased Waikato Regional Council online tool and Makara Beach Project webpage using zones to visually represent ideas to Working Group. Using these tools will help community see impacts of coastal hazards.
- There will be a fortnightly rolling review of the CHA by external consultant.
- The Working Group encouraged Residents Associations' involvement early on in process of increasing community acceptance of the CHA through a proposed Information Session. Officers identified engagement-fatigue and the capacity of the Council's engagement resources as challenges. Suggested a representative from coastal and low-lying inland Residents' Association be invited to attend an information session for an early overview of the programme approach.

Options Assessment Framework (OAF)

Meetings of the Coastal Hazards Working Group are not open to the public.

The Working Group reports to the Urban Development and Transport Committee

- Risk that OAF could be perceived as Council predetermining outcomes. Long-list of options in OAF is a “this is the range of options that we’re thinking of” more than “this is our plan” (which appears pre-determined).
- Collaboration with other agencies occurring on foundation documents to ensure we are well aligned and have input particularly from Ngai Tahu and ECan.

Tom Parsons discussed the Options Assessment Framework

- Identify a wide range of options through literature review and develop two-phased approach of ‘long-list’ and then create a framework to identify (but not undertake) a short-listing process for communities.
- The Councils’ long-list is not exclusive. If community comes up with an idea, this can be added to list of ideas to be explored.
- Next steps to engage with Ngai Tahu and ECan and also to develop economic and financial metrics. Who pays for what, and how much that will cost. This conversation is important to understand and manage community expectations.

Is this a desired approach?

- Managing expectations will be really important. Costs will need to include Capex (immediate cost) and Opex (operating and maintenance expenses) over time.
- Important to have an open conversation with the community on funding principles that is at a high level and collaborative.
- Conversations about what Council will do, and who will pay, go hand-in-hand. This conversation should be focussed on size of the community affected, topography of community land, and public accessibility and amenity of land within community.
- Interventions will be a suite of solutions. Engineering solutions easy to see. Non-engineering solutions less easy to visualise. Some of the solutions (i.e. retreat) are novel and have not been implemented anywhere yet.
- Important to be clear on what we do not know, i.e. Central Government’s plan.
- Overall the Working Group endorsed the proposed approach to the Options Assessment Framework.

Phase Two: City-Wide Education & Awareness

What role do you use CHWG playing in phase two?

- Working Group can nominate community-members to staff to test the community engagement process and socialisation of CHAPP.
- How this conversation is started with public will be really important.
- Council owns ‘Coastal Futures’ websites. Need a ‘calls to arms’ that explains what this process is for.
- OAF identifies what pieces of jigsaw puzzle looks like, Phase 2 provides pieces of jigsaw to be in this puzzle. Phase 3, identifies what pieces of puzzle do we want to use.

Councillor Turner left the meeting at 02:50 p.m. and returned to the meeting at 02:55 p.m.

Councillor Cotter left the meeting at 02:59 p.m. and returned to the meeting at 03:01 p.m.

Phase Three: Collaborative Adaptation Planning with Communities

- This phase estimated to take eighteen months, but could be longer.

Action Points identified during workshop:

1. The Working Group requested further information about how other jurisdictions are addressing the funding question and introducing this issue to the community as part of the process of developing the Options Assessment Framework.
2. The Working Group requested a memo about the terms 'funding' and 'financing' to clarify the difference between the two words and enable continuity of language during engagement.
3. Mike Davidson to invite two Ecan councillors to join CHWG on behalf of the Working Group.
4. Officers to present options for proposed first tranche communities to next workshop.

Meeting concluded at 3.02pm.

CONFIRMED THIS 11th DAY OF SEPTEMBER 2020

MIKE DAVIDSON
CHAIRPERSON

Coastal Hazards Working Group NOTES

Date: Friday 11 September 2020
Time: 12.30pm
Venue: Council Chambers, Level 2, Civic Offices,
53 Hereford Street, Christchurch

Present

Chairperson	Councillor Mike Davidson
Members	Councillor Sara Templeton Councillor Melanie Coker Councillor Pauline Cotter Councillor James Daniels Councillor Yani Johanson Councillor Phil Mauger Councillor Andrew Turner
Staff Members	Vicky Southworth (Environment Canterbury) Shayne Te Aika as proxy until Ngai Tahu representatives appointed Brendan Anstiss, General Manager Strategy & Transformation David Griffiths, Head of Planning & Strategic Transport Jane Morgan, Principal Programme Advisor Katy McRae, Engagement Manager Maiki Anderson, Senior Policy Planner Ruby Clark, Programme Coordinator Tom Parsons, Stormwater and Waterways Engineer

8 September 2020

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The agenda was dealt with in the following order.

1. Apologies / Ngā Whakapāha

Committee Decision

That the apology received from Councillor's Turner and Daniels for lateness, the apology from Councillor Cotter for early departure, and the apology from Jenny Hughey of Environment Canterbury be accepted.

2. Notes of the Previous Meeting to be Received

Committee Decision

That the minutes of the Coastal Hazards Working Group meeting held on Monday, 31 August 2020 be confirmed.

3. Coastal Hazards Adaptation Planning programme - engagement approach and selection of first tranche communities

Workshop Discussion:

Jane Morgan, Maiki Anderson and Katy McRae presented to the Working Group.

Workshop 3 informed the Working Group how Council has grouped and identified communities, it sought guidance from the Working Group on what communities will be engaged as a pilot (first tranche communities) and subsequent second-tranche communities, the role and function of Coastal Panels, and outlined proposed engagement and decision making steps once adaptation planning has been initiated with the first tranche of communities.

Collaborative Adaptation Planning with Communities

- A Specialist Technical and Advisory Group (STAG) will work alongside Coastal Panel to develop draft adaptation pathways.
- How Rūnunga engage with Coastal Panel is something that needs to be discussed and agreed with the Rūnunga as per advice provided by MKT. Rūnunga may wish to be on the Coastal Panel, or be consulted as stakeholder alongside Coastal Panel
- Coastal Panel will undertake short-listing process of adaptation pathways with advice from STAG.
- Working Group supported the approach and generally believed the right balance had been struck.
- Working Group endorsed an independent chair of the Coastal Panel.
- Working Group noted balancing of interests between community and non-community members will be challenging. Non-community members are to be invited and involved in adaptation planning for coastal communities.

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The Working Group reports to the Urban Development and Transport Committee

Grouping and Prioritising Communities

- The Working Group agreed with Officers' analysis of potential first tranche communities and endorsed the recommendation to pilot adaptation planning in Lyttleton-Mt. Herbert.
- Lyttleton-Mt. Herbert has high awareness of coastal hazards due to high tides, impact of 2010 Chilean tsunami. Maiki Anderson and Sian Carvell have been supporting Diamond Harbour and Governors Bay schools with teaching climate change and adaptation curriculum. This support has increased community awareness of adaptation issues.
- [REDACTED]
- [REDACTED]
- Due to staff resourcing it is currently not possible to engage with multiple communities at once.
- Working Group noted additional staff resource will be needed if adaptation planning to be concluded within ten year LTP cycle, and that this should be a separate line item within LTP to enhance visibility to community.

Councillor Johanson left the meeting at 1:15 p.m. and returned to the meeting at 1:16 p.m.

Councillor Cotter left the meeting at 1:14 p.m.

Photo-point project

- Ruby Clarke introduced the photo-point project to the Working Group. Additional funds will be required to roll out into all communities.

Coastal Hazards Working Group business

- Coastal Hazards Working Group to meet monthly going forward.
- Waimakariri and Selwyn District Council's to be invited to send one elected representative each to attend Working Group as an observer.

Action Points identified during workshop:

1. The A3 map reference to Clifton Hill should be amended to include Moncks Bay, Sumner should be amended to include Taylors Mistake and the state highway to Little River/Te Waihora should be listed as an Access Dependency.
2. Waimakariri and Selwyn District Council's to be invited to nominate one elected representative as an observer to Working Group by Chair Mike Davidson.
3. Staff to hold a single city-wide Community Board seminar that informs the Community Board Chair or delegate information presented to the Working Group over the first four workshops.
4. Additional meeting between elected members of Working Group and key staff to be scheduled before 18 September 2020 to discuss whether Community Boards should be represented in Working Group.

5. Staff to brief the Banks Peninsula Community Board before a report to Urban Development and Transportation Committee is presented in October.
6. Ensure that communications associated with the upcoming Urban Development and Transportation Committee decision refer to the subsequent phasing of adaptation planning beyond first tranche communities.

Meeting concluded at 3.30pm

CONFIRMED THIS 25th DAY OF SEPTEMBER 2020

MIKE DAVIDSON
CHAIRPERSON

Coastal Hazards Working Group NOTES

Date: Friday 25 September 2020
Time: 9am
Venue: Council Chambers, Level 2, Civic Offices,
53 Hereford Street, Christchurch

Present

Chairperson Councillor Mike Davidson
Members Councillor Sara Templeton
Councillor Melanie Coker
Councillor Pauline Cotter
Councillor James Daniels
Councillor Andrew Turner
Councillor Jenny Hughey (Environment Canterbury)
Councillor Vicki Southworth (Environment Canterbury)
Councillor Sophie McInnes (Selwyn District Council) - **observer**
Staff Present Shayne Te Aika as proxy for Ngai Tahu until representatives appointed
David Griffiths, Head of Planning & Strategic Transport
Jane Morgan, Principal Programme Advisor
Katy McRae, Engagement Manager
Maiki Anderson, Senior Policy Planner
Mel Rountree, Principal Advisor Planning
Ruby Clark, Programme Coordinator
Peter Eman, Principal Advisor Planning
Mark Stevenson, Team Leader City Planning

25 September 2020

Principal Advisor

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The agenda was dealt with in the following order.

1. Apologies / Ngā Whakapāha

Committee Decision

That the apologies received from Councillor Sara Templeton for lateness, and Brendan Anstiss, and Councillors Yani Johanson & Phil Mauger be accepted.

2. Notes of the Previous Meeting to be Received

Committee Decision

That the minutes of the Coastal Hazards Working Group meeting held on Friday, 11 September 2020 be confirmed.


3. Coastal Hazards Adaptation Planning programme Plan change on NZCPS Alignment (Coastal Hazards)

Workshop Discussion:

Shayne Te Aika arrived at 9.05am

Members introduced themselves and welcomed Councillor's Jenny Hughey (Environment Canterbury) and Sophie McInnes (Selwyn District Council).

Mark Stevenson & Peter Eman presented to the Working Group on a proposed plan change to address Coastal Hazards.

- The current Christchurch District Plan does not address the direction in NZ Coastal Policy Statement to avoid increasing the risk of social, environmental and economic harm from coastal hazards.
- The District Plan does not identify land deemed as coastal, or exposed to coastal hazards. The consequence of not addressing this gap is uncertainty in community about use of affected land.
- Until this is addressed there is a risk of inappropriate development, or development without adequate controls.
- 

What was the proposed approach?

- Policy direction only that applied to activities likely to create new exposure within a coastal environment overlay area.

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The Working Group reports to the Urban Development and Transport Committee

What has changed?

- Previously sought to use a plan change to address new developments and adaptation to manage existing communities.
- It is not possible to avoid the overlap between adaptation planning and a plan change. The proposal is to have a joint conversation.
- Recommendation to proceed with a plan change in parallel with adaptation planning, and that this plan change is not limited to a policy direction, but also include amendment to rules, policies, and statements.
- Risk of deferring plan change we risk exposing new developments to coastal hazards.
- T&T providing a Coastal Hazard Assessment in 1Q 2021.
- Achieve alignment between District Plan and adaptation planning using the Options Assessment Framework.

There are a range of options available to address coastal hazards. What could they mean for development/use/subdivision of land?

- Option 1: provide for activities that have a lower risk profile and restrict activities of a higher risk.
- Option 2: manage specific higher risk activities in plan change 1 and then have a second plan change to manage activities of a lower risk.
- Option 3: Manage different activities according to location. Allow development if effects are mitigated in existing areas exposed to coastal hazards. Mitigate in existing urban areas and avoid in non-urban areas.
- Option 4: avoid all activities that will increase any risk of harm. This is not pragmatic and would likely face legal challenges.

Councillor Sara Templeton arrives at 9:36am

- There is a risk of appearing that adaptation planning is foreclosed if the district plan change is out of step or ahead of adaptation planning.
- Aligning with NZCPS can show that there are limits to what Council is able to do, and highlight the risks that the District Plan needs to assess and address.
- No public facing Council decisions will be required until second quarter 2021. This will be after we have technical assessment of Coastal Hazards from T&T and Coastal Hazards Assessment.
- Definition of what 'high' and 'low' risk activities will need to be robust to withstand anticipated challenges. These risk profiles will also change over time.
- Currently consent planners are able to refer to NZCPS, however, there are no identified Coastal Hazard Areas in the Christchurch DP at this time. These facts create a risk that inappropriate developments may be consented in Coastal Hazard Areas or developments with inappropriate controls.
- There are opportunities in communities affected by Coastal Hazards to have enabling activities, such as removable housing. Although those options may not be address every risk i.e. tsunami.

Councillor Cotter leaves meeting at 9:57am and returns at 9:59am.

- Appreciation that the community has changed since King Salmon case in 2015. There is greater community awareness of Coastal Hazards.
- Suggested Citizen Panels be incorporated into community engagement process to facilitate engagement.

- The working group endorsed staff using time before any public-facing Council decision required to work on engagement strategy.
- Until the Coastal Hazards Assessment has been completed there will be no evidence on which to made decisions about any plan change.

Action Points identified during workshop:

1. The Working Group to present a briefing to Urban Development & Transportation Committee prior to a report being presented at the Committee meeting on 11 November 2020.
2. Staff to present an updated engagement strategy and thinking on timing of District Plan conversation to the Working Group before any public facing decisions made in November 2020.

Meeting concluded at 10.08 a.m.

CONFIRMED THIS 15th DAY OF OCTOBER 2020

MIKE DAVIDSON
CHAIRPERSON

Coastal Hazards Working Group NOTES

Date: Thursday 15 October 2020
Time: 3pm
Venue: Council Chambers, Level 2, Civic Offices,
53 Hereford Street, Christchurch

Present

Chairperson	Councillor Mike Davidson
Members	Councillor Sara Templeton Councillor Melanie Coker Councillor Pauline Cotter Councillor James Daniels Councillor Phil Mauger Councillor Vicki Southworth (Environment Canterbury)
Staff	Shayne Te Aika as proxy for Ngai Tahu until representatives selected Brendan Anstiss, General Manager Strategy & Transformation David Griffiths, Head of Planning and Strategic Transport Katy McRae, Engagement Manager Jane Morgan, Principal Programme Advisor Ruby Clarke, Programme Coordinator Maiki Anderson, Senior Policy Planner Mel Rountree, Principal Advisor Planning Marion Schoenfeld, Senior Advisor Natural Hazards

13 October 2020

Principal Advisor

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*Meetings of the Coastal Hazards Working Group are not open to the public.
The Working Group reports to the Urban Development and Transport Committee*

The agenda was dealt with in the following order.

1. Apologies / Ngā Whakapāha

Committee Decision

That the apologies received from Councillor Sophie McInnes (Selwyn District Council) be accepted.

2. Notes of the Previous Meeting to be Received

Committee Decision

That the minutes of the Coastal Hazards Working Group meeting held on Friday, 25 September 2020 be confirmed.

3. Briefing on engagement approach for adaptation planning

Working Group Notes:

Katy McRae and Jane Morgan presented to the Working Group

Councillor Cotter arrived at the meeting at 3.11p.m.

Engagement Approach for Phase 2 – citywide engagement

- The Working Group endorsed presentations to begin in December 2020 and requested that they be notified of the arranged dates prior to delivery.
- We will be informing the community of the adaptation planning process and Coastal Hazards Assessment (CHA), and consulting with the community on the Options Analysis Framework.
- The Working Group supported an invitation being extended to Residents' Associations to attend presentations raising awareness of the adaptation planning process.
- The Working Group requested that stakeholders are recorded alphabetically at all times.

Councillor Johanson arrives to the meeting at 3.27p.m.

Engagement Approach for Phase 3 – adaptation planning with communities

- This phase will begin with community-wide engagement on values, assets, and risk acceptance. Engagement will have a face-to-face emphasis and seek community input into the Options Assessment Framework (OAF) short-list.
- Coastal Panel members will undertake most of the analysis for the community, make recommendations, shortlist OAF options, create drafts and finalise pathways.

- The Working Group suggested two young people be included on the Coastal Panel, and that there be fourteen (14) members of the Coastal Panel (including the Chair).
- The Working Group endorsed staffs' recommendation to take minutes of Coastal Panel meetings and release these at the end of process.
- Consistency of perspective by three Coastal Panel members representing city-wide interests desirable. Acknowledged that this process will take many years, and unlikely someone is willing to commit for that entire period.
- The Working Group suggested Gen-Zero, an academic from University of Canterbury, and a person from Canterbury Chamber of Commerce would be suitable organisations to find city-wide representatives from.
- The Coastal Panel will include the appointment of a Community Board member. This member will not be the Community Board Chair as the Chair will be invited to become a member of the Working Group for the period of time their community is collaborating on the OAF short-list, draft adaptation pathways and triggers.
- The Working Group approved the proposed appointment process for the Coastal Panel and more generally the engagement approach outlined for Phases 2 & 3 .

Marion Schoenfeld presented to Working Group on the Coastal Hazards Story Map

- Existing modelling on Tonkin & Taylor 2017 data. Objective to show this data with improved useability and functionality. The data will be updated once T&T report received in first quarter of 2021.

Action Points

1. Prepare a report to the Urban Development and Transportation Committee with a recommendation to establish a Coastal Panel in accordance with guidance provided by the Working Group.
2. The Working Group suggested a summary of RCP be included in brackets beside it & insert the beginning of a FAQ page when site goes live. The Working Group also suggested including the year of event in each photo caption.
3. Invite the Ōpāwaho Heathcote River Network and individuals with equivalent river-based interests from the Avon Ōtakaro Network to join the CHA information sessions.
4. Provided the report is approved by the Urban Development & Transportation Committee on 11 November 2020 staff will introduce the CHAP programme (as outlined in this workshop and modified by the Working Group's guidance) to stakeholders and community groups prior to Christmas 2020.

Meeting concluded at 4.24p.m.

CONFIRMED THIS 25th DAY OF NOVEMBER 2020

COUNCILLOR MIKE DAVIDSON
CHAIRPERSON

Coastal Hazards Working Group

NOTES

Date: **Wednesday 25 November 2020**
Time: **2pm**
Venue: **Council Chambers, Level 2, Civic Offices,
53 Hereford Street, Christchurch**

Present

Chairperson	Councillor Mike Davidson
Members	Councillor Sara Templeton Councillor Melanie Coker Councillor Pauline Cotter Councillor James Daniels Councillor Yani Johanson Councillor Phil Mauger Deputy Mayor Andrew Turner Councillor Vicki Southworth (Environment Canterbury) Kakati Royal (Ngai Tahu)
Observers	Councillor Niki Mealings (Waimakariri District Council)

17 November 2020

Principal Advisor

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The agenda was dealt with in the following order.

1. Apologies / Ngā Whakapāha

Committee Decision

That the apologies received from Councillor Jenny Hughes and Councillor Sophie McInnes, from Councillor Vicky Southworth for lateness, and from Councillor Johanson for early departure at 2:30pm be accepted.

2. Notes of the Previous Meeting to be Received

Committee Decision

That the minutes of the Coastal Hazards Working Group meeting held on Thursday, 15 October 2020 be confirmed.

3. Coastal Hazards Adaptation Planning programme - updated Coastal Hazards Assessment and the Options Assessment Framework

Working Group Discussion

Jane Morgan, Nicola Thomas, & Tom Parsons presented to the working group

- Public Information Session at Allandale Hall, This was a positive experience.
- Additional Community Information Sessions being held in early December 2020,

Councillor Vicky Southworth joins the meeting at 2.16pm.

Options Assessment Framework (OAF)

- A strategic framework to identify and evaluate adaptation options and pathways and ensuring adaptation plans are acceptable and able to be implemented.
- Initiates a community conversation about funding principles; who benefits, who pays, and how much.

Councillor James Daniels leaves the meeting at 2.22pm. and returns at 2.23pm during discussion of the OAF.

- Proposed four-step process to identify options:
 1. Catalogue of Options; literature review of international and local options to create an evidence-based catalogue of adaptation options.
 2. Long List of Options; drawn from catalogue of options but excludes options that are not suitable.
 3. Develop Short Listing Process for assessing the long list of options
 4. Undertake Short Listing and identify adaptation pathways; done by Coastal Panel with input by Specialist and Technical Advisory Group (STAG).

Councillor Phil Mauger leaves the meeting at 2.26pm.

Discussion about the long list

The Working Group:

- Supported the proposed approach where a long list gets shortened for each community, and is supported by communication about why certain options are not feasible.
- Desired extensive involvement via workshops for intermittent CHWG guidance on options.

Councillor Andrew Turner joins the meeting at 2:30pm.

Councillor Andrew Turner leaves the meeting at 2:33pm and returned at 2:38pm during discussion of the long list.

Councillor Johanson leaves the meeting at 2.34pm.

Funding Adaptation

- A report from Deloitte Australia has stated that for every \$1 spent in adaptation planning a territorial authority will save between \$3 and \$11 in disaster recovery costs.
- Adaptation funding contains intergenerational funding equity challenges.
- The Working Group noted that it will be interesting to see displacement cost versus mitigation costs which is similar to what happened with Port Hills.
- The funding conversation will be a weighty part of community engagement.
- Some uncertainty around central government response to this issue. There is an intention to progress Managed Retreat Bill. The Working Group recommended that a national adaptation fund managed by central government, similar to EQC fund, is created. This is a managed retreat fund to pay for managed retreat.

Catalogue of (Five) Options

- Accommodate: raising floor or land levels (currently practised),
- Protect: engineered structures to reduce risk such as wetlands, dykes, and seawalls.
- Retreat: planned movement of people and assets away from coast via a number of pathways i.e. leaseback or land transfer.
- Avoid: identify future 'no build areas' to prevent new development areas at risk now or in the future.
- Attack: expand into areas already occupied by water.

Maiki Anderson presented to the Working Group about Coastal Hazards Assessment (CHA)

- We will be provided with neighbourhood-scale information. This will not be site specific information.
- Following CHA there will be a requirement to place a general LIM notation on affected certificates of title.
- Maiki referred to several slides illustrating the spatial extent and level of detail in the CHA

Councillor Southworth joins the meeting at 2:16pm.

- Seven different methodologies used to determine erosion. This will result in a probabilistic outcome. Maps will show a gradient area where darker shades equal a higher probability of erosion.
- Inundation will use bathtub modelling. This is better fit for purpose than previous, hydro-dynamic, modelling. Map extent and depth and a number of increments.
- Aqualinc report that displays groundwater is being finalised and in the process of being released.
- Detailed screening will include a variety of storm events i.e. 1:1 (regular small), 1:10 (frequent moderate), 1:50 (occasional large), and 1:100 (rare extreme) year events.
- Intermediate screening option between detail and regional will also be included.

Councillor Turner joins the meeting at 2:30pm.

Engagement on CHA

- There is a Community Information Session on 9 December at the Tannery.
- Staff looking at different engagement strategies to meet a variety of demographics.
- Working Group endorsed approach proposed by staff and noted it will be important to anticipate push-backs from parts of community. Having periodic “sense checks” on feedback that’s being given.

Councillor Davidson leaves the meeting at 2.37p.m. and returned at 2.44p.m. during discussion of ‘Next Steps’

Next steps

- February 2021 next meeting.
- Chair thanked staff for excellent work to date and acknowledged Kakati Royal and Niki Mealings attendance at first meeting.

Action Points

1. Staff to email an invitation to all Working Group members for Community Information Session on 9 December 2020 and all future community engagement invitations to be included in EM diaries via Mabel (and sent to non-CCC members).
2. A response is to be provided to Working Group members explaining how the change in storm events over time is accounted for in the proposed CHA methodology. Council staff are preparing some FAQs on the CHA and this issue will be addressed in these and distributed to the CHWG. .
3. Australian Deloitte report to be provided to Working Group in Reference Library, as well as any relevant media (the Detail podcast) and a range of examples of how other local governments are addressing adaption planning, and updating their communities on hazards.

Meeting concluded at 2.47p.m.

CONFIRMED THIS 19th DAY OF FEBRUARY 2021

COUNCILLOR MIKE DAVIDSON
CHAIRPERSON

Coastal Hazards Working Group NOTES

Date: Friday 19 February 2021
Time: 12:30pm
Venue: Council Chambers, Level 2, Civic Offices,
53 Hereford Street, Christchurch

Present

Chairperson	Councillor Mike Davidson
Members	Councillor Sara Templeton
	Councillor Melanie Coker
	Councillor Pauline Cotter
	Councillor James Daniels
	Councillor Phil Mauger
	Deputy Mayor Andrew Turner
	Kakati Royal (Ngai Tahu representative)
	Councillor Vicki Southworth (Environment Canterbury)
	Councillor Niki Mealings (Waimakariri District Council) - observer
	Councillor Sophie McInnes (Selwyn District Council) – observer
Staff	Jane Morgan, Principal Programme Advisor
	Katy McRae, Engagement Manager
	Jacqui Hastings, Contractor
	Mark Stevenson, Team Leader City Planning
	Mel Rountree, Principal Advisor Planning
	Maiki Anderson, Senior Policy Planner
	Nic Taylor, Contractor
	Tim Harris, Manager Environmental Services, Selwyn District Council
	David Griffiths, Head of Planning & Strategic Transport

17 February 2021

Principal Advisor

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UNCONFIRMED

*Meetings of the Coastal Hazards Working Group are not open to the public.
The Working Group reports to the Urban Development and Transport Committee*

The agenda was dealt with in the following order.

1. Apologies / Ngā Whakapāha

Committee Decision

That apologies from Deputy Mayor Andrew Turner and Yani Johanson for absence, and Councillors Melanie Coker and Sara Templeton for lateness, be accepted.

2. Notes of the Previous Meeting to be Received

The minutes from the Coastal Hazards Working Group meeting held on Wednesday, 25 November 2020 were received and accepted without alteration.

Councillor Mauger joined the meeting at 12.32pm during consideration of Item 3.

Councillor Coker joined to meeting at 12.35pm during consideration of Item 3.

Councillor Templeton left the meeting at 11:01 am and returned at 1:20pm during consideration of Item 3.

Councillor Cotter joined the meeting at 1:15pm.

Councillor Mauger left the meeting at 1:32pm and returned at 1:58pm during consideration of Item 3.

Councillor Cotter left the meeting at 2:01pm and returned at 2:02pm during consideration of Item 3.

3. Coastal Hazards Working Group Agenda 19 February 2021

Briefing Notes

Jane Morgan provided a Programme Update to the Working Group

- The Tonkin & Taylor report is now expected to be completed late May 2021. This will have downstream impacts on the program delivery.

Jacqui Hastie presented to the Working Group on lessons learned in the Makara adaptation planning process.

- Ensure sufficient scoping and testing is done up front before consultation with the community. This increases a territorial authority understanding its bottom lines and what it is able to, and wants, to offer to the community.
- When a community experiences a coastal hazard first-hand it provides an opportunity and creates a social licence to begin a conversation.
- In panel's opinion unlikely to view project as a success; the long term adaptation solution identified was low-cost but unable to be implemented because it was not implemented into Wellington City Council's Long Term Plan.
- Work out what you can pay and when you are able to play. All adaptation planning in NZ has had setbacks due to lack of finance.
- Getting the right people is key and show them that you value their time. Show them their contribution is valuable. Koha is ok, good food important, free parking, and if you can pay them do this.
- Resident Associations are unlikely to be a true cross-section of a community.
- Community involvement is significant. Over a four month period Makara had two community days and eight workshops (2 x 8 hours and 6 x 2 ½ hours).

- Find your local leaders. Build strong relationships with them.
- Adaptation is about whenua and the land. People who whakapapa with the area, know the land, are critical to understanding cultural wellbeing. Acknowledge the wealth of knowledge from Tangata Whenua and pay as you would any expert.
- Opening up a conversation about money and insurance is challenging.
- Find ways to make science approachable and relatable. Makara project used Virtual Reality and large A3 maps with oversized birds-eye view of coast.
- Local artists can assist with communicating messages in creative and engaging ways.

The Working Group had a wide-ranging conversation around equity of paying for adaptation planning, how to determine the private/public benefit split from adaptation works. The Council was encouraged to understand what it is it will offer to the community before it begins a conversation.

In Makara the preferred option was also a low cost option of 50 truck-loads of shingle poured on the beach, however, this would primarily benefit the first row of houses. Wellington District Council liked the process, but did not like using public money to provide a private benefit to a small number of property owners.

It is challenging to identify the value of a public reserves and recreational areas. Accordingly calculating a public/private benefit is very difficult.

It is important for the Council to be aligned as much as possible before the engaging with the community. It is probable there will be differing opinions between departments on what is valuable, and what should be prioritised in any response.

There are upgrades to territorial authority infrastructure. These are typically identified as 'upgrades' in a Long Term Plan. Whenever work is identified as 'adaptation planning' a different thought process is evoked.

Expect the community to question Council decisions and ask specific questions about maintaining certain infrastructure assets.

The fundamental issue is do we have a legal obligation to protect infrastructure but not private property?

Council has a choice and must show valid reasons why it has chosen not to.

Australian Councils are intentionally stating that they are not in the business of protecting private property.

Nic Thomas, Robbert-Jan Lenselink, and Jane Morgan led a workshop on the Options Assessment Framework

Draft CHAPP guiding principles were tabled for discussion and feedback. The following feedback was provided by members of the Working Group:

- Risk based decision-making principle - consider referring to "coastal hazards" instead of "coastal risks" and adding "over time" at the end of the draft principle
- Act now, even with uncertainty principle - consider changing to "acting now while planning for our future" so the principle refers to the need to have a plan in place to provide certainty to communities.
- Public good principle - general agreement that adaptation actions should provide city wide benefit "most good for the most people" and should be covered by city wide rates. The

focus should be on the number people/households exposed to risks rather than asset values when determining the level of benefit.

- Treaty principle - agreed that treaty partnership principles need to be embedded in to the adaptation planning process and decision-making
- Prioritising natural solutions principle - broad support for this principle but need to provide clear rationale for why they should be preferred, their effectiveness and information on the co-benefits offered.
- Avoid risk where possible - consider removing "existing" so it captures exposure now and in the future.

Maiki Andersen provided a high-level update to the Working Group on the Risk and Vulnerability Assessment. Staff are working with the University of Canterbury to create a model that will show Council where and when adaptation planning action is required to be the most effective.

Meeting concluded at 2.29pm.

CONFIRMED THIS 10th DAY OF MARCH 2021

COUNCILLOR MIKE DAVIDSON
CHAIRPERSON

Coastal Hazards Working Group

NOTES

Date: Friday 12 March 2021
Time: 1pm
Venue: Council Chambers, Civic Offices,
53 Hereford Street, Christchurch

Present

Chairperson Councillor Mike Davidson
Members Councillor Sara Templeton
Councillor Melanie Coker
Councillor Pauline Cotter
Councillor James Daniels
Councillor Yani Johanson
Councillor Phil Mauger
Deputy Mayor Andrew Turner
Councillor Jenny Hughey (Environment Canterbury)
Councillor Vicki Southworth (Environment Canterbury)
Councillor Kakati Royal (Ngai Tahu representative)
Councillor Niki Mealings (Waimakariri District Council)

5 March 2021

Principal Advisor

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The agenda was dealt with in the following order.

1. Apologies / Ngā Whakapāha

Committee Decision

That the apologies received from Jenny Hughes and Sophie McInnes for absence be accepted.

2. Notes of the Previous Meeting to be Received

Committee Decision

That the minutes of the Coastal Hazards Working Group meeting held on Friday, 19 February 2021 be confirmed.

3. Coastal Hazards Working Group agenda

Discussion

Tim Grafton, CEO of the NZ Insurance Council, presented to the Working Group via audio/visual link. Tim acknowledges the comprehensive and serious manner the Working Group is addressing these challenges and noted:

- We operate within a complex global system. Coastal Hazards are a systemic risk, we can mitigate impacts (even with uncertainties).
- Risk is a product of people and infrastructure being exposed to a hazard and their level of vulnerability.
- With climate change there will be increase in intensity and intensification of natural hazards.
- Insurance premiums will show risk to infrastructure.
- In NZ house insurance has an all risks approach. You are covered for fire, earthquake, landslip, flood, erosion. This is quite unique and means that if adaptation measures are taken it may not have as large a reduction on premiums as anticipated.
- Risk management involves four levers: (1) avoid, (2) control it (adaptation), (3) accept, (4) transfer it (insurance). All four levers must be in play with a huge risk like climate change.
- Insurance covers sudden and accidental events. Sea-level rise is neither sudden nor accidental. With more extreme weather events, insurance will be there to cover these events. It is possible that there will be certain hazards that are not covered in some parts of New Zealand.
- Insurance restores losses to what they were before the event. No better, no worse.
- Insurance does not insure land. This is a particularly pertinent for clifftop houses.
- Insurance premiums may not change if Council engages in mitigation actions.
- The extent to which a single household may mitigate risk may not result in a proportional reduction in premium. i.e. \$20k jack up house, will be unlikely to recoup in savings (if any) on insurance premium.

- Do nothing option is the worst possible option. If Council's do not mitigate and risks continue to escalate, bank will not loan on property, insurer will not provide a policy then all the risk is transferred to the property owner and acceptance of 100% risk.
- Using the best information available and making best estimated guess is better than standing still
- Be clear about value judgements Council is making. Because of X, and because of X, we think it is highly likely Y will occur. For those reasons we think it is prudent we do X, Y , & Z. This provides an audit trail on your thinking and can focus conversation.

Meeting concluded at 2.14pm.

CONFIRMED THIS 7th DAY OF APRIL 2021

COUNCILLOR MIKE DAVIDSON
CHAIRPERSON

Coastal Hazards Working Group

NOTES

Date: **Wednesday 7 April 2021**
Time: **2pm**
Venue: **Council Chambers, Level 2, Civic Offices,
53 Hereford Street, Christchurch**

Present

Chairperson Councillor Mike Davidson
Members Councillor Sara Templeton
Councillor Melanie Coker
Councillor Pauline Cotter
Councillor James Daniels
Councillor Yani Johanson
Councillor Phil Mauger
Deputy Mayor Andrew Turner
Councillor Vicki Southworth (Environment Canterbury)
Councillor Kakati Royal (Ngai Tahu representative)
Councillor Niki Mealings (Waimakariri District Council)
Shayne Te Aika (Ngai Tahu representative proxy)

7 April 2021

Principal Advisor

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The agenda was dealt with in the following order.

1. Apologies / Ngā Whakapāha

Committee Decision

That the apologies received from Sophie McInnes for absence, and Vicki Southworth for lateness be accepted.

2. Notes of the Previous Meeting to be Received

Committee Decision

That the minutes of the Coastal Hazards Working Group meeting held on Friday, 12 March 2021 be received.

Councillor Templeton joined the meeting at 2.04pm during presentation of the Coastal Hazards Plan Change workshop.

Councillor Cotter leaves the meeting at 2.41pm and returns at 2.44pm during presentation of the Coastal Hazards Plan Change workshop.

3. Coastal Hazards Plan Change - briefing

Notes

Mark Stevenson, Team Leader City Planning presented to the Working Group

- The purpose of this workshop is to explain the alignment between the plan change and CHAPP
- People continue to invest in exposed coastal property.

Identifying the problem

- The NZ Coastal Policy Statement 2010 and Regional Policy Statement require Council to avoid increasing the risk in areas potentially affected by coastal hazards.
- There are gaps in or inadequate controls of how Coastal Hazards may affect property owners, and how Christchurch Council intends to address Coastal Hazards in the current Christchurch District Plan.
- There is a risk of development without appropriate controls.
- The District Plan is a statutory tool that seeks to manage what people can do in Christchurch in the future. A District Plan will take 2-3 years to implement.
- The CHAPP is a non-statutory tool that will manage risks for people that presently live in areas.

Community Feedback into District Plan is considered critical

- Staff identified four approaches to how the proposed District Plan Change could be presented and prefers a risk based approach. It is desirable that Councils preferred approach is identified to avoid unnecessary confusion &/or grief by community who may, in

the absence of notification, believe Council prefers an avoidance approach (completely or in rural areas only).

Aligning District Plan Change with CHAPP

- The Plan Change manages risks during the transition period until adaptation plans are implemented.

Katy McRae joins the table to discuss the proposed engagement approach

- Looking to have a single, city-wide conversation about the proposed plan change, Coastal Hazards Assessment (CHA), & Coastal Adaptation Framework (CAF).
- There will be no consultation on the CHA, this is solely to inform the public.
- There will be joint consultation on the Plan Change and CAP. These issues are closely linked, provides a complete picture of Council's possible response, and mitigates against consultation fatigue. Staff will be looking at ways to facilitate ease of feedback.
- This will be a challenging conversation with the community. Some of the options can be expected to generate considerable feedback.
- A three staged consultation process involves a city-wide conversation in Q4 2021 before feedback is sought on a draft plan change in Q1 2022, prior to notifying a plan change in Q3 2022.
- Each stage will be preceded by briefings to Council and Council will formally be invited to make a public decision after receiving a staff report at each point in the consultation process.

The Working Group noted that Notifying the Plan Change in Q3 2022 is close to the triannual election period and may not be ideal. Staff will look at this further.

Implications of the Resource Management Reforms

There is a wave of new legislation to reform resource management. The Natural and Built Environment Act will be passed in late 2022 with the Strategic Planning Act and Climate Change Adaptation Act to follow.

There is still thought to be benefit in continuing with the proposed plan change because:

- Even once new legislation is passed there will be a transition period of several years until new regional plans are put in place.
- There is a continuing risk of investment / development in areas exposed without appropriate controls
- Until new legislation is passed the District Plan will continue to have effect.

Action Points

1. Staff will reflect on timing of consultation in Q3 in 2022 and report back to the working group at a future date.
2. Legal memo summarising the legal issues relating to coastal hazards with a focus on Council's legal obligations regarding private property and Council infrastructure, as well as related District Plan issues, including legislative processes for extinguishing existing use rights.

Vicki Southworth joined the meeting at 2:56pm during presentation of the Legal Workshop.

4.

[Redacted]

[Redacted]

[Redacted]

[Redacted]

[Redacted]

[Redacted]

[Redacted]

[Redacted]

[Redacted]

[Redacted]

[Redacted]

[Redacted]

[Redacted]

[Redacted]

[Redacted]

[Redacted]

Action Points

1. Legal memo summarising the legal issues relating to coastal hazards with a focus on Council's legal obligations regarding private property and Council infrastructure, as well as related District Plan issues, including legislative processes for extinguishing existing use rights.

Meeting concluded at 3.20pm.

CONFIRMED THIS 9th DAY OF JULY 2021

**COUNCILLOR MIKE DAVIDSON
CHAIRPERSON**

Coastal Hazards Working Group

NOTES

Date: Friday 9 April 2021
Time: 1pm
Venue: Council Chambers, Civic Offices,
53 Hereford Street, Christchurch

Present

Chairperson Councillor Mike Davidson
Members Councillor Sara Templeton
Councillor Melanie Coker
Councillor Pauline Cotter
Councillor Yani Johanson
Councillor Phil Mauger
Deputy Mayor Andrew Turner
Councillor Jenny Hughey (Environment Canterbury)
Councillor Vicki Southworth (Environment Canterbury)
Shayne Te Aika (Ngai Tahu proxy until representative appointed)
Councillor Kakati Royal (Ngai Tahu representative)
Councillor Niki Mealings (Waimakariri District Council)
Councillor Sophie McInnes (Selwyn District Council)

9 April 2021

Principal Advisor

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The agenda was dealt with in the following order.

1. Apologies / Ngā Whakapāha

Working Group Acknowledgements

That the apologies received from Councillor Daniels for absence, Councillors Johanson and Templeton for partial absence, and Deputy Mayor Andrew Turner for early departure be acknowledged.

2. Agenda Coastal Hazards Working Group 9 April 2021

Notes

Katy McRae and Jane Morgan presented to the Working Group and made the following comments:

Programme Delivery

- Waiting on delivery of Coastal Hazards Assessment by T&T.
- A draft release of the CHA and CAF for working group review will be available in June 2021.
- A report will be presented to the Urban Development & Transport Committee in August prior to the public release of Coastal Hazards Assessment and consultation on the Coastal Assessment Framework
- There is legislative uncertainty, however, we need to start this conversation and be agile should we need to adapt at a later stage.

Coastal Panels

- Coastal Panels are a recommended step in the adaptation planning process that are currently used by other Councils.
- The Coastal Panel is not a decision making body, or an expert on all matters, it provides a community lens that will be supported by a Specialist and Technical Advisory Group.
- The Coastal Panel will consider a range of adaptation options and agree (where possible) on a shortlist of options.
- The Panel will be a group of people predominantly from the community. Lyttelton will have 6 community representatives that are weighted towards youth.

Full voting members	Numbers
Mana whenua	TBC
Community representatives	6
Wider city representatives	3
ECan Zone Committee representative	1
Te Pātaka o Rākaihautū Banks Peninsula Community Board - ward representative	1
Observer participants (non-voting)	
Coastal Hazards Working Group (CHWG) members	
Non-CHWG Councillors	TBC
Te Pātaka o Rākaihautū Banks Peninsula Community Board members	
Support roles (non-voting)	
Independent Chair	1
Panel Secretary	1
Specialist and Technical Advisory Group (STAG)	TBC
CHAP programme team members	TBC

- Mana Whenua, Ecan Water Zone Committee, Community Board to nominate their members.
- Community Representatives can submit expressions of interest at a drop in session for review and appointment by the Coastal Hazards Working Group.
- Wider city representatives to be directly appointed by Coastal Hazards Working Group.
- Voting members of Coastal Panel will receive an honorarium.

The Working Group had the following comments:

- The Working Group agreed there needed to be greater specificity on who the ECan Zone Committee representative is.
- Assumed the Community Board representative will be from the Mt. Herbert subdivision.
- Mana Whenua will look for equity in representation on the Coastal Panel. If there is no decision making capability there may be a reluctance to participate.
- Some Working Group members supported staff exploring a member of the Youth Council being included.
- The independent chair will be appointed by a closed tender process.

Draft Coastal Adaptation Framework

Robert Lenselink, Katy McRae, and Jane Morgan presented to the Working Group and made the following comments:

- Communication will be upfront that Council has no express duty to protect property from encroachment of the sea.
- Given scale of exposure upwards of \$5B residential property is at risk.
- Officers talked through each draft principle outlined in the PowerPoint presentation.

The Working Group had the following comments:

- People may assume that managed retreat is seen as the preferred option.
- [REDACTED]
- The Committee sought a 'hybrid' of options 1 & 2 for the draft principle on scope and funding. The Committee thought the phrase 'public assets' or other language to convey parks and reserves needs to be included.
- 'Wellbeing' should be added to 'health and safety'.
- The Committee agreed the last two sentences clearly communicate property owners are responsible for managing risks to their property.
- [REDACTED]

Coastal Adaptation Framework Draft Process

- Awareness of hazards is an output of adaptation. Also want to raise awareness of impacts on Infrastructure and communicate that Councils levels of service may change due to coastal hazards.
- The second community-wide engagement will rank pathways but it is still open to the Coastal Panel to select a lower ranked pathway as their preferred approach.
- [REDACTED]
- A traffic light system will be used to manage expectations about adaptation planning. There will be parts of a community where impacts of Coastal Hazard are unlikely in next 100 years (green). Some areas where risk is estimated within 30-100 year timeframe (amber), and also where hazards are imminent (red).
- Council does not have sufficient funding to resource concurrent adaptation planning and consultation for all affected communities. This is a funding issue that is being had with Council currently.

Action Points

1. [CHWG members invited to provide feedback by email on TOR or Code of Conduct by 16 April 2021 to Katy McRae. Katy in turn will provide a memorandum with update on feedback and any revisions to the Working Group.](#)
2. [Update Coastal Panel membership table so mana whenua changed to Rūnunga, specify that the Zone Committee selects its own representative., and specify that community representatives are from within the adaptation area.](#)

3. Amend the Scope and Funding Draft Principle in line with comments provided by the Working Group that support the direction we are going.

4. 

Meeting concluded at 2.35pm.

CONFIRMED THIS 9th DAY OF JULY 2021

COUNCILLOR MIKE DAVIDSON
CHAIRPERSON

Coastal Hazards Working Group

NOTES

Date: **Wednesday 2 June 2021**
Time: **1pm**
Venue: **Council Chambers, Civic Offices,
53 Hereford Street, Christchurch**

Present

Chairperson Councillor Mike Davidson
Members Councillor Sara Templeton
Councillor Melanie Coker
Councillor Pauline Cotter
Councillor Yani Johanson
Councillor Phil Mauger
Deputy Mayor Andrew Turner
Councillor Vicki Southworth (Environment Canterbury)
Kakati Royal (Ngai Tahu representative)
Shayne Te Aika (proxy until second Ngai Tahu representative appointed)
Councillor Niki Mealings (Waimakariri District Council)
Councillor Sophie McInnes (Selwyn District Council)

2 June 2021

Principal Advisor

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The agenda was dealt with in the following order.

1. Apologies / Ngā Whakapāha

Committee Resolved CHWGC/2021/00001

That the apologies received from Chair Hughey and Councillor James Daniels for absence and Councillor Johanson and Shayne Te Aika for early departure be accepted.

Councillor Davidson/Councillor Templeton

Carried

2. Notes of the Previous Meeting to be Received

Committee Resolved CHWGC/2021/00002

That the minutes of the Coastal Hazards Working Group meeting held on Friday, 9 April 2021 be confirmed.

Councillor Davidson/Councillor Templeton

Carried

Councillor Mauger left the meeting at 1.29pm and returned at 1.42pm during discussion of Item 3.
Councillor Templeton left the meeting at 1.32pm and returned at 1.35pm during discussion of Item 3.
Councillor Johanson left the meeting at 1.50pm and returned at 1.51pm during discussion of Item 3.
Councillor Templeton left the meeting at 1.50pm and returned at 1.52pm during discussion of Item 3.
Shayne Te Aika left the meeting at 1.55pm during discussion of Item 3 and did not return.
Councillor Templeton left the meeting at 2.05pm and returned at 2.20pm during discussion of Item 3.
Councillor Johanson left the meeting at 2.44pm during discussion of Item 3 and did not return.
Councillor Cotter left the meeting at 2.49pm during discussion of Item 3 and did not return.
Councillor Mauger left the meeting at 2.55pm during discussion of Item 3 and did not return.

3. Coastal Hazards Working Group Agenda 2 June 2021

Working Group Notes:

Coastal Hazards Adaptation Planning Programme

Katy McRae, Jane Morgan, and Mark Stevenson presented to the Committee.

- Tonkin & Taylor have delayed presentation of their report. Originally due in March 2021, the report was delayed to May, and is now expected to be delivered on 4 August 2021. This may impact on the timeline for community engagement. The delivery project is being managed by Maiki Anderson and staff are doing all they can to support delivery of the report to August 2021.
- Proposed the timeline is now being reframed with a public release of the Coastal Hazards Assessment alongside the Coastal Adaptation Framework at Urban Development and Transport Committee in October 2021 followed by a five week consultation period.
- Council Officers prefer to keep the Coastal Hazards Adaptation and Coastal Hazards Plan Change programs coupled together.
- If the Tonkin & Taylor Report is presented later than 4 August the least preferred option is to decouple the programs and defer the Plan Change Issues and Options paper until early 2022.
- The Working Group requested:

- an additional week be added to the period of consultation so that it covers a six week period; and
- Council Officers work with stakeholders on a 'save the date' communicate for consultation to increase awareness.

CoastSnap

Mark Stevenson left and Sarah Pahlen joined the table to update the Working Group on the CoastSnap Project.

- The Working Group saw images from North New Brighton and requested images following the recent storm event be uploaded to the Hub.

Coastal Adaptation Framework

Sarah Pahlen left the presenters table and Katy McRae and Jane Morgan presented reworked draft principles to the Working Group.

- The Working Group endorsed the reworked draft principle 'Upholding te Tiriti'
- The Working Group endorsed the revised wording in the principle 'Adaptation for local communities and environments'. The group noted 'local values' could also refer to appetite for risk and a discussion was had about how to manage a divergent appetite for risk. A low appetite for adaptation works in a community may mask a low-level of belief in the probability of projected coastal hazard outcomes.
- There needs to be further discussion and wordsmithing on the principle 'Focus on public assets that contribute to the health, safety and wellbeing of communities' to reflect feedback from the Working Group who supported the proposal to include privately held assets that provide a community benefit. Suggested 'manage risks' is changed to 'respond to risks'. Suggested that 'on a case by case basis' inserted to convey not all private assets with a community benefit may receive council resource. Suggested it is explicitly clear public assets excludes central government assets. Suggested we look closely at the definition of private ownership and public ownership. This principle to be re-worked and brought back to the Working Group.
- [REDACTED]
- Definition of public and private ownership will need to be looked at. It is possible for private assets to be held in a trust entity or limited liability company.

[REDACTED]

[REDACTED]


[REDACTED]

[REDACTED]

[REDACTED]



Partnership with University of Canterbury

Ruby Clarke joined the table to discuss the Council's relationship with the University of Canterbury (UC).  The Council receives research outputs and mapping tools to support the coastal adaptation planning work. Dr Tom Logan is leading the Risk and Vulnerability Assessment. A newly formed Cluster for Community & Urban Resilience will add to the outputs and research to inform decision making.

Risk & Vulnerability Assessment (R&VA)

Dr Tom Logan and Mitchell Anderson from UC joined the table to present on the R&VA.

- UC is here as a partner with local government.
- Local government need to make data-informed decisions.
- Civil Engineering department has several civil systems engineers and tackle integrated challenges like climate change.
- R&VA provides an evidence base for future intervention decisions.
- Three hazards R&VA will look at are groundwater rise, coastal inundation, and coastal erosion.
- The R&VA will have a spatial model output that will be click'n'play. Currently identifying and testing model inputs with a view the model and online tool will be built late 2021. In 2022 the R&VA tool will be released to assist in community adaptation community understanding and planning.
- Insurance may be withdrawn from coastal areas with high exposure to coastal hazards within the next 10-25 years. The R&VA work supplements CCC climate strategy. If people retreat we do not want to relocate to another place where there are additional risks.

Coastal Hazards Plan Change

Dr Tom Logan and Mitchell Anderson left and Mark Stevenson joined the table to present a recap of proposed Coastal Hazard Plan Changes

- Seeking endorsement for approach and scope to District Plan Change
- Plan change is about managing land use and development for future land use and development in urban and rural areas. Existing use rights are still in place unless there is a legislative change.
- The current District Plan does not facilitate adaptive building. This Plan Change presents a significant opportunity for Council to be an enabler of adaptive building methods and determine how the Council and community can respond to coastal hazards.

- Four options presented to CHWG. Option 1 – a risk based approach - is preferred. We should allow appropriate development while managing risks.
- Traffic light system: high medium, and low risks. High risks there will be restrictive controls. There are methods currently in use that can be incorporated into DP rules, such as when sea level reaches a certain point, houses must be relocatable or adaptable, i.e. able to become floatable.
- Issues and Options paper will be brought to the Working Group in July 2021 and later reviewed after the Tonkin & Taylor report is released.

Action Points:

1. The Working Group requested:
 - a. an additional week be added to the period of consultation so that it covers a six week period; and
 - b. Council Officers work with stakeholders on a 'save the date' communique for consultation to increase awareness.
2. Working Group to be supplied with links to all CoastSnap social media platforms, a link to the existing photo series and any images that captured the impacts of the flood events of the past week.
3. The Working Group endorsed revised wording in the principle 'Upholding Te Tiriti'.
4. The Working Group endorsed revised wording in the principle 'Adaptation for local communities and environments'. The group noted 'local values' could also refer to the community's tolerance for risk and there was a discussion about how to manage a divergent appetite for risk. A low appetite for adaptation works in a community may mask a low-level of belief in the probability of projected coastal hazard outcomes.
5. There needs to be further discussion and wordsmithing on the principle 'Focus on public assets that contribute to the health, safety and wellbeing of communities' to reflect feedback from the Working Group who supported the staff proposal to broaden the draft wording to include some privately held assets that provide a community benefit. Suggested that revised wording differentiates between the inclusion of private assets with community benefits as drivers of adaptation planning; and the inclusion of private assets with community benefits as recipients of any public funding. The CHWG noted that public funds may not be determined to be appropriately used to fund adaptation for private assets and suggested we look closely at the definition of private ownership and public ownership. In order to reduce the implication that Council will undertake protection works only, it was also suggested that 'manage risks' is changed to 'respond to risks'. This principle to be re-worked and brought back to the Working Group.

6. 

7. The Working Group endorsed the preferred risk-based approach to a district plan change. The Working Group asked for greater clarity around what the classification of 'high', 'medium', and 'low' risks are (which can be provided following the T&T Report). These classifications will need have a solid rationale that is understandable and robust.

Meeting concluded at 2.58pm.

CONFIRMED THIS 9th DAY OF JULY 2021

COUNCILLOR MIKE DAVIDSON
CHAIRPERSON

Coastal Hazards Working Group

NOTES

Date: Friday 9 July 2021
Time: 1.01pm
Venue: Council Chambers, Civic Offices,
53 Hereford Street, Christchurch

Present

Chairperson

Councillor Mike Davidson

Members

Councillor Pauline Cotter

Councillor James Daniels

Councillor Yani Johanson

Deputy Mayor Andrew Turner

Councillor Vicki Southworth (Environment Canterbury)

Kakati Royal (Ngai Tahu representative)

Shayne Te Aika (proxy for second Ngai Tahu representative)

Councillor Niki Mealings (Waimakariri District Council)

Councillor Sophie McInnes (Selwyn District Council)

Principal Advisor

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Meetings of the Coastal Hazards Working Group are not open to the public.

The Working Group reports to the Urban Development and Transport Committee

The agenda was dealt with in the following order.

1. Apologies Ngā Whakapāha

The apologies received from Councillor Sara Templeton, Councillor Mel Coker, and Chair Jenny Hughey for absence and Councillor Pauline Cotter for lateness were noted and accepted.

2. Notes of the Previous Meeting to be Received

The minutes of the Coastal Hazards Working Group meeting held on Wednesday, 2 June 2021 were confirmed as to accuracy and content.

Pauline Cotter arrived at the meeting at 1.07pm during discussion of Item 3
Kakati Royal arrived at the meeting at 1.08pm during discussion of Item 3.

3. Coastal Hazards Working Group Agenda

Working Group Discussion

Jane Morgan and Katy McRae presented to the Working Group.

Updates:

- T&T delayed delivery required a compressed timetable. Timeline and briefings schedule presented to the CHWG
- Jane presented revised wording on CAF focus on public assets following feedback from meeting in June. The working group endorsed the wording.

Engagement with rūnunga

- Whakaroupō. Three representatives from Ngāti Wheke expressed interest in involvement with Coastal Panel, the nominees will be confirmed by Ngāti Wheke on July 11.

Update on Climate Adaptation Act

- Likely to be consulted on in early 2022 alongside Natural Adaptation Plan. Anticipated legislation to go to the House in early 2023.
- Sensible to consult with high exposure communities, [REDACTED] once this legislation has been passed so we are communicating with legislative certainty.

Specialist Technical Advisory Group (STAG)

- Work started on Terms of Reference for STAG
- The STAG role is to [REDACTED] shape discussions.
- STAG composition presented to working group (slide 8 of 33 in PowerPoint stack)
- Hope that STAG members will continue through all consultations. Not currently known whether there is capacity to support multiple consultations at one time. The review process after the pilot will be key to informing how STAG supports consultations going forward.
- A request for additional information to better understand the hierarchy of decision making between agencies, and each agencies' role and responsibility in the coastal hazards space.
- Noted the new decision making framework will take several years to implement. Planning will be in both directions, bottom-up, and top-down. We do not live in an ideal world where

national directions flow into regional policies and plans, and territorial authorities' strategies and bylaws.

- 

Coastal Hazards Assessment

Maiki Anderson talked to the working group through indicative data from T&T

- Reasonably well aligned with 2017 hazard assessment for BP, south of estuary, Heathcote.
- Some differences for Brooklands, Spit/Open Coast, Open Coast Pegasus Bay, and Ōtākaro Avon. Where a notable difference from data obtained in 2017 this is noted below, otherwise refer to the PowerPoint stack.
- Data enables us to inform at what point hazard(s) may start to be a problem
- New cliff erosion data showing issues in Banks Peninsula for some cliff based properties.
- Acknowledged that Council is doing a reasonable amount of work in areas that may be imminently exposed to coastal hazards.
- This information is scheduled to be publicly released on 7 October 2021.
- Current modelling predicts there will be a 0.4 rise in SLR by 2050 and a 1.5 SLR by 2121.

Estuary-Sumner adaptation area

- New data showing some baches exposed to risks in Taylors Mistake
- Reasonable beach erosion risk
- Will Coastal Pathway be affected by this modelling?
- Unable to model long-term erosion due to the hard engineered Sumner seawall.

Opawaho Heathcote adaptation area

- Grey area on this map hydraulic processes are dominant, and right-hand side coastal processes are dominant.
- Within this adaptation we are looking at a smaller area.
- Most of adaptation area at risk of flooding with up to 1.5 SLR
- Woolston and Hillsborough some of the most intensified areas in Chch. There are long-term risks to this area.

Ōtākaro Avon, Open Coast Pegasus Bay, and Puharakekenui Styx adaptation areas

- More imminent and greater flooding risk than previously identified.

Coastal Hazards Online Portal

The Online portal will contain two key tools to present data to community; the Christchurch Coastal Hazards Information website and Coastal Hazards Summary Booklet.

After user testing the website incorporates a timeline, climate change scenario, and SLR sliders that influence the graphical output.



Tonkin & Taylor report will be approximately 200 pages long. To make this digestible we will be making a 20-25 page summary to facilitate public consumption. This will be available for the working group to review in August.

Phase 2 engagement approach for phase 2 – city-wide education and awareness

The challenge is to hear from people as many different voices as we can, in order to get a balance of perspectives.

Barriers to engagement include time, relevance (to individual), and accessibility of information.

Seek to make engagement as relevant and accessible as possible. There will be strategies to engage with youth, children, and communities in low-lying inland areas. Will be working with youth organisations to speak into adaptation planning.

Accessibility enhanced using multiple channels; face to face, electronic and hard copy material. Framing the conversation and using metaphors people connect with make the information easier to digest. Understand people have different amount of capacity for concentrating on these issues.

[REDACTED]

The mammoth task staff have undertaken to date was commended, as was the opportunity to utilise other youth organisations. Suggested engagement with ethnic communities to understand how best to present information to them.

Action Points

1. The CHWG endorsed the proposed wording for the guiding principle “Focus on public assets that contribute to the health, safety and wellbeing of communities” that will be included in the draft Coastal Adaptation Framework.
2. The CHWG are seeking a clear picture of the statutory context, including agency roles and responsibilities. CHWG members to refer to the 10 March 2021 memo “Agency Roles and Responsibilities and Legislative Obligations” which was developed by staff to provide clarity on the coastal hazards context. Staff will also work with Environment Canterbury to develop a presentation for the CHWG that also provide clarity on agency responsibilities and activities.
3. Circulate a fact sheet on insurance implications in coastal hazards in conjunction with the Insurance Council of New Zealand, once signed off.
4. Invite CHWG members to an opportunity to test drive the online portal for the Coastal hazards Assessment at a series of drop in sessions. Dates for these will be circulated to CHWG members.

5. [REDACTED]

Meeting concluded at 2.31pm.

CONFIRMED THIS 13th DAY OF AUGUST 2021

COUNCILLOR MIKE DAVIDSON
CHAIRPERSON

Coastal Hazards Working Group

NOTES

Date: Friday 13 August 2021
Time: 1.02pm
Venue: Council Chambers, Civic Offices,
53 Hereford Street, Christchurch

Present

Chairperson Councillor Mike Davidson
Members Councillor Sara Templeton
Councillor Melanie Coker
Councillor Pauline Cotter
Councillor Yani Johanson
Councillor Phil Mauger
Councillor Vicki Southworth (Environment Canterbury)
Councillor Kakati Royal (Ngai Tahu representative)
Shayne Te Aika (proxy for second Ngai Tahu representative)
Councillor Nikki Mealings (Waimakariri District Council)
Councillor Sophie McInnes (Selwyn District Council)
Community Board Chairperson Kelly Barber (Waitai Coastal-Burwood)

Principal Advisor

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The agenda was dealt with in the following order.

1. Apologies Ngā Whakapāha

Apologies received from Deputy Mayor Andrew Turner and Chair Hughey for absence were noted and accepted.

Secretarial Note: the Chairperson acknowledged Kelly Barber who will be an observer on the Working Group while there is no Coastal Ward elected member.

2. Notes of the Previous Meeting to be Received

That the minutes of the Coastal Hazards Working Group meeting held on Friday, 9 July 2021 were confirmed as to accuracy and content.

Councillor Yani Johanson joined the meeting at 1.06pm

Councillor Pauline Cotter joined the meeting at 1.09pm

Councillor Sara Templeton left the meeting at 1.33pm and returned at 1.42pm during the discussion on the Coastal Hazards Assessment outputs and next steps

Councillor Yani Johanson left the meeting at 1.36pm and returned at 1.40pm during the discussion of a new baseline of 2020 SLR

Councillor Sophie McInnes left the meeting at 1.49pm and returned at 1.51pm during the discussion of engagement collateral

Councillor Nikki Mealing arrived at the meeting at 1.51pm

Councillor Cotter left the meeting at 1.59pm and returned at 2.01pm during discussion of key engagement tactics

3. Agenda Coastal Hazards Working Group

Notes

Maiki Anderson and Jane Morgan presented to the working group:

- A report informing them of the public release of the Coastal Hazards Assessment and seeking approval for the consultation of the Coastal Assessment Framework and Plan Change Issues and Options paper from the Urban Development and Transport Committee in October 2021
- Headline results of the Canterbury Wellbeing Survey 2020:
- Staff attended, alongside 32 territorial authorities, a forum for local and regional councils to share practice, network, and build relationships. This was incredibly encouraging and beneficial to share experiences, approaches, and align with other territorial authorities. A number of collaborative opportunities were identified with Dunedin City Council, Kapiti District Council, and Western Bay of Plenty.

Coastal Adaptation Framework (CAF)

- Staff invited feedback on the draft CAF and noted that the level of detail in the draft paper provides an indication of current thinking about a possible process for phase three. These details may need to change and be adjusted in light of new information.

- The Working Group endorsed the CAF going to the Urban Development and Transport Committee in October.

New IPCC report on Climate Change

- This IPCC report was released on 10 August 2021
- IT provides more certainty about causation, projections of SLR, and how the environment will respond
- A new baseline (2005) is being used instead of the previous 1995 baseline
- There is much greater certainty about the cause of climate change (human) and projections (1.5C likely in ten years)
- Long term impacts, some are locked in and will continue for centuries to millennia.
- The report will not require changes to our approach. Staff will reference the IPCC report which is in broad alignment with Council's approach and all outputs.

Online Portal & Public Report – area summaries

- The working group were provided with updates on the online portal and five area summaries that have sections describing features of the coastal environment and land formation, how each hazard was assessed, and a map linking to the key findings.

Coastal Hazard Assessment (CHA) outputs and next steps

- The working group endorsed the CHA going to the Urban Development and Transport Committee on 7 October 2021
- The working group was advised maps will be used to communicate to communities that speak English as a second language, face-to-face sessions will also be used.
- The working group emphasised that face-to-face sessions for Maori and Pasifika communities should be in places they are comfortable and familiar with such as marae and churches.
- The working group suggested analogies and stories personifying environmentally good outcomes may be an effective communication strategy with Maori and Pasifika strategies.

Katy McCrae joined the table to present to the working group

Engagement

- Engagement collateral will include Councils Have Your Say consultation pages, designed PDF documents for the CAF and Issues & Options Paper, web pages, 'fact sheets', plus newswire, social media, and newspaper articles.
- Engagement collateral can be viewed as a buffet, there will be sufficient information for people to digest as much as their appetite (a snack, a meal, or a feast).

Key Engagement Tactics include

- Drop in days
- Library exhibitions
- Children's convention/conversation
- [REDACTED]
- Targeted stakeholder engagement

Plan Change issues and Options Paper

- Draft circulated for comment to working group.
- This will come to the Urban Development & Transport Committee on 7 October.
- Maps will be included in paper to CHWG in September.

Action Points

1. Endorsement that the Coastal Adaptation Framework can be sent to the Urban Development and Transport Committee for a decision to release for public engagement on 7 October 2021.
2. Endorsement that the Coastal Hazards Assessment can be sent to the Urban Development and Transport Committee for public release on 7 October 2021.
3. Elected members were invited to send feedback to Mark Stevenson on the Coastal Hazards Plan Change Draft Issues and Options paper.
4. An email to Kakati Royal on the impact of the rebate scheme on Papakainga Land.
5. The Working Group did not like example of a shed used in the Draft Issues and Options Paper and suggested a change.
6. Councillor Galloway requested to participate in the 'children's congress'.
7. 'Short term risk' in Plan Change Draft Issues and Options paper sounds like the risk will disappear.

Meeting concluded at 2.25pm.

CONFIRMED THIS 10th DAY OF SEPTEMBER 2021

COUNCILLOR MIKE DAVIDSON
CHAIRPERSON

Coastal Hazards Working Group

NOTES

Date: Friday 10 September 2021
Time: 1.02pm
Venue: By Audio/Visual Link

Present

Chairperson

Councillor Mike Davidson

Members

Councillor Sara Templeton

Councillor Melanie Coker

Councillor Pauline Cotter

Councillor Yani Johanson

Councillor Phil Mauger

Deputy Mayor Andrew Turner

Councillor Jenny Hughey (Environment Canterbury)

Councillor Vicki Southworth (Environment Canterbury)

Councillor Kakati Royal (Ngai Tahu representative)

Councillor Niki Mealings (Waimakariri District Council)

Councillor Sophie McInnes (Selwyn District Council)

Shayne Te Aika (proxy for second Ngai Tahu representative)

Community Board Chairperson Kelly Barber (Waitai Coastal-Burwood)

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Meetings of the Coastal Hazards Working Group are not open to the public.

The Working Group reports to the Urban Development and Transport Committee

Secretarial Note:

This meeting was held via audio/visual link on the Zoom platform due to the country being under a Covid 19 Alert Level 2 lockdown.

The following persons were in attendance on the audio/visual link throughout the meeting, in addition to the members and secretariat: the General Manager of Infrastructure, Planning & Regulatory Services, Jane Davis; Team Leader City Planning, Mark Stevenson; Head of Planning & Strategic Transport, David Griffiths; Principal Programme Advisor, Jane Morgan, Manager of Engagement, Katy McRae; Senior Policy Planner, Maiki Anderson; Adaptation Planning Advisor, Ruby Clark; Adaptation Planning Advisor, Sarah Pahlen, Senior Policy Planner, Mark Rushworth; Regional Planning Manager (Environment Canterbury), Andrew Parrish; Principal Planner (Environment Canterbury), Jane Doogue.

The agenda was dealt with in the following order.

1. Apologies Ngā Whakapāha

That the apology from Councillor Yani Johanson for lateness and early departure be accepted.

2. Notes of the Previous Meeting to be Received

That the minutes of the Coastal Hazards Working Group meeting held on Friday, 13 August 2021 be received.

Councillor Sara Templeton and Shayne Te Aika joined the meeting at 1.05pm

Councillor Phil Mauger joined the meeting at 1.13pm

Councillor Yani Johanson joined the meeting at 1.17pm

3. Coastal Hazards Plan Change

Notes:

Mark Stevenson and Andrew Parrish presented to the Working Group.

- Overview provided of the 'National, regional and local workstreams'
 - Noted that Environment Canterbury is working collaboratively with Council to mitigate against the possibility of the District Plan enabling development in areas that Environment Canterbury believe development should not occur due to high hazards.

Mark Stevenson presented on the plan change issues and options paper and technical work to inform it.

- Introduced key changes to the revised Issues and Options paper as a result of feedback from the Working Group.
- The objective of the plan change is to ensure coastal hazard risk are addressed by managing activities in areas prone to coastal hazards, having regard to the level of risk while enabling people and communities to provide for their well-being and health and safety.
- Consultation is proposed on whether it is best to manage tsunami risks through the District Plan or by civil defence.

- The revised paper includes maps defining areas at very low, low, medium and high risk from coastal hazards to assist in understanding the preferred option of a risk-based approach to managing subdivision, land use and development.
- The Issues and Options paper describes the risk based approach, using a traffic light system to identify activities that would be enabled (green), regulated (amber), and restricted (red) in areas exposed to emerging levels of risk from coastal hazards.
- The most appropriate scenarios for inundation and coastal erosion have been identified as a 60cm SLR by 2080 and 1.2m SLR by 2130.
- Explanation was provided of how the inundation and erosion lines were defined, which is based on the likelihood and consequence.
- Inundation and erosion maps will accompany the draft Issues and Options Paper, the latter defining erosion lines that vary according to the location and nature of the coast.
- Next steps
 - A combined Community Boards briefing will occur on 16 September 2021.
 - On 7 October 2021 a report to the Urban Development and Transport Committee will seek approval to consult on the Coastal Adaptation Framework and Issues and Options paper.
- The chair asked the working group of any major issues. None were raised but it was noted that further feedback could be provided after the meeting.

Action Points:

1. The working group were invited to send their comments to Mark Stevenson on the Draft Issues and Options Paper by close of business Tuesday 15th September.

Meeting concluded at 1.55pm.

CONFIRMED THIS 15th DAY OF OCTOBER 2021

COUNCILLOR MIKE DAVIDSON
CHAIRPERSON

Coastal Hazards Working Group NOTES

Date: Friday 26 November 2021
Time: 1pm
Venue: Council Chambers, Civic Offices,
53 Hereford Street, Christchurch

Present

Chairperson Councillor Sara Templeton
Members Councillor Melanie Coker
Councillor Pauline Cotter
Councillor Celeste Donovan
Councillor Yani Johanson
Deputy Mayor Andrew Turner
Councillor Vicki Southworth (Environment Canterbury)
Councillor Kakati Royal (Ngai Tahu representative)
Councillor Sophie McInnes (Selwyn District Council)

Staff Jane Morgan
Sarah Hames
Katy McRae
David Griffiths
Mark Stevenson
Sarah Pahlen
Ruby Clarke

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The agenda was dealt with in the following order.

1. Apologies Ngā Whakapāha

That apologies from Councillor Mike Davidson, Councillor Phil Mauger, Chair Jenny Hughey and Councillor Niki Mealings for absence be accepted.

2. Notes of the Previous Meeting to be Received

That the minutes of the Coastal Hazards Working Group meeting held on Friday, 5 November 2021 be confirmed as to accuracy and content.

3. Agenda: Coastal Hazards Working Group 26 November 2021

Notes

Katy McRae and Jane Morgan presented to the Working Group advising:

- There has been an extension to the engagement period to 6 December 2021 in response to community feedback as previously advised via memo. This creates an 8 week engagement period.
- Met with more than 450 people over briefings, meetings and drop-ins.
- There has been good attendance at face to face engagement sessions, with higher attendance in coastal communities.
- Drop in sessions have facilitated useful conversations. Questions are typically around clarity of timelines and processes. Coastal communities are asking about equity – will they bear the burden of paying for these costs or will the cost be spread across all ratepayers?
- The conundrum of engaging early is we don't have all the details and the public can be confused because there are 'no concrete lines' on a map.
- Jane acknowledged Ruby Clarke and Sarah Pahlen for their work and activation of children throughout the kids conversation initiative. Children are feeling heard, they can see other people worry about issues they face, however, some concerns from children that there will be inadequate action from elected members.

What we're hearing through the engagement

- Some localised concern around equity with other parts of the city that have been protected.
- Some concern and suspicion about the makeup and selection of the Coastal Panel, particularly in the East concern about city-wide representation.
- There is a level of comfort with the staged plan change approach.
- Perception from some coastal communities is that they are being singled out and over-regulated.
- Community want Council to manage tsunami and [REDACTED] risks.
- Some people have indicated that they are happy with the engagement and so are choosing not to submit.

Coastal Panel and Specialist and Technical Advisory Group

- Independent Chair identified. [REDACTED]

Name	Expertise	Organisation
Nicola Rykers	Cultural values; planning context	Maahanui Kurataiao Ltd
Justin Cope	Coastal science/multi-hazards - applied	Environment Canterbury
Deidre Hart	Coastal science - academic	University of Canterbury
Nick Head	Ecology	Council
Tom Parsons	Engineering (stormwater) – assets	Storm Environmental
Andrew Hensley	Roading/transport - assets	Council
Michelle McDonald	Two waters (potable and waste) - assets	Council
Jesse Dykstra	Implementation readiness	Council
Mark Rushworth	Planning	Council
Lucy Daeth	Psychosocial wellbeing and public health	Canterbury District Health Board
Eric Banks	Parks - assets	Council
Geoff Butcher	Economic analysis	Butcher Partners
John Benn	Coastal responsibilities / DOC policy	Department of Conservation

- STAG has had Hummingly social training to understand how people absorb information and storytelling skills.
- Coastal Panel appointment process also progressing. Seven completed community representatives to date in the EOI process but this will also extend to 6 December 2021. Quality of candidates is very high. Will come back to Working Group in February 2022 with proposed makeup of Panel.

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[Redacted content]

Meeting concluded at 2.42pm.

CONFIRMED THIS 4th DAY OF FEBRUARY 2021

**COUNCILLOR MIKE DAVIDSON
CHAIRPERSON**

UNCONFIRMED

Coastal Hazards Working Group

NOTES

Date: Friday 4 February 2022
Time: 1.33pm
Venue: Council Chambers, Level 2, Civic Offices, 53 Hereford Street, Christchurch

Present

Chairperson Councillor Mike Davidson
Members Councillor Sara Templeton
Councillor Melanie Coker
Councillor Pauline Cotter
Councillor Celeste Donovan
Councillor Yani Johanson
Deputy Mayor Andrew Turner
Councillor Vicki Southworth (Environment Canterbury)
Councillor Kakati Royal (Ngai Tahu representative)
Councillor Sophie McInnes (Selwyn District Council)
Shayne Te Aika Shayne Te Aika (Ngai Tahu proxy until second representative appointed)
Tori Peden (Te Pātaka o Rākaihautū Banks Peninsula Community Board Chair)

Principal Advisor

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The agenda was dealt with in the following order.

1. Apologies Ngā Whakapāha

That the apologies for lateness from Shayne Te Aika and for early departure for Councillor Johanson and Deputy Mayor Turner be accepted.






2. Submissions on the Coastal Adaptation Framework and Issues and Options Paper for Coastal Hazards Plan Change

Notes

The Coastal Hazards Working Group received presentations from the following submitters:

- 43634/43636 Waitai Coastal-Burwood Community Board, Members Bebe Frayle and Jo Zervos
- 44316 Christchurch Coastal Residents' United, Warwick Schaffer – Additional information provided
- 44008/44036 Brighton Observatory of Environment and Economics, Simon Watts – Presentation provided
- 43946 Federated Farmers, Pam Richardson
- 44050/44051 Jan Burney
- 42547/43231 Thomas Kulpe – Presentation provided
- 42169/42173 Phillip Ridge
- 44108/44110 Brian Sandle – Additional information provided
- 44229 Avon Heathcote Estuary Ihutai Trust Board, Ann Kennedy – Additional information provided

Attachments

- A Christchurch Coastal Residents' United - Additional information 
- B Brighton Observatory of Environment and Economics - Additional information 
- C Thomas Kulpe - Additional information 
- D Brian Sandle - Additional information 
- E Avon Heathcote Estuary Ihutai Trust Board - Additional information 

Meeting concluded at 3.03pm.

CONFIRMED THIS 17th DAY OF FEBRUARY 2022

COUNCILLOR MIKE DAVIDSON
CHAIRPERSON

Coastal Hazards Working Group

NOTES

Date: **Thursday 17 February 2022**
Time: **9.03am**
Venue: **Council Chambers, Level 2, Civic Offices,
53 Hereford Street, Christchurch**

Present

Chairperson

Councillor Mike Davidson

Members

Councillor Sara Templeton

Councillor Melanie Coker

Councillor Pauline Cotter

Councillor Celeste Donovan (via audiovisual link)

Councillor Yani Johanson (via audiovisual link)

Councillor Phil Mauger

Deputy Mayor Andrew Turner

Councillor Sophie McInnes (Selwyn District Council) (via audiovisual link)

Councillor Vicky Southworth (Environment Canterbury)

Tumu Taiao Yvette Couch-Lewis (Environment Canterbury)

Kakati Royal (Ngai Tahu representative)

Shayne Te Aika Shayne Te Aika (Ngai Tahu proxy until second representative appointed)

Tori Peden (Te Pātaka o Rākaihautū Banks Peninsula Community Board Chair)

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Meetings of the Coastal Hazards Working Group are not open to the public.

The Working Group reports to the Urban Development and Transport Committee

The agenda was dealt with in the following order.

1. Apologies Ngā Whakapāha

The apology received from Councillor Mealings for absence was noted and accepted.

2. Notes of the Previous Meeting to be Received

The notes of the Coastal Hazards Working Group meetings held on the following dates were confirmed:

- Friday, 26 November 2021
- Friday, 4 February 2022 (open and confidential).

3. Coastal Hazards Working Group Agenda 17 February 2022

Notes

Common Themes

Jane Morgan and Katy McRae presented to the Working Group advising:

- The common themes of the consultation processes on the Issues and Options Paper for Coastal Hazards Plan Change and the Coastal Adaptation Framework, including:
 - Mixed messages received from submitters on a number of issues;
 - Dissatisfaction with the length of the engagement;
 - Loss of trust in the Council; and
 - Perceptions of some communities being unfairly singled out.
- On the point of the perception of being singled out, Jane Morgan suggested producing a graphic to inform the public about the risks across the district and how these are being managed.

Technical Feedback

Derek Todd from Jacobs joined the table to provide feedback on the technical content of Tonkin + Taylor's Coastal Hazards Assessment. He was the peer reviewer of the Assessment and was the lead on the Coastal Hazards Plan Change technical work. He spoke to concerns raised by submitters about the methodology used, advising:

- That including RCP8.5 follows Ministry for the Environment directions; and
- That some existing structures are excluded from flood hazards mapping because these modifications mean that 'banks down' modelling assumptions about the erosion rate in the absence of these structures is not possible. Due to this the erosion hazard is modelled and mapped to impact only the land immediately behind the structure.

Mark Rushworth joined the table to address submitters' request for 'community experts', noting that:

- Derek Todd has over 35 years' experience in the field of coastal hazards (including 28 years' experience of Christchurch district coastline) and there are very few experts of this calibre with local knowledge in New Zealand;
- BECA has conducted a peer review of the Jacobs report and provides quality assurance which will lead in to further refinement of the work carried out last year.

Coastal Hazards Plan Change – Analysis of Submissions

Mark Rushworth and Brittany Ratka presented the submission analysis and proposed responses on the Coastal Hazards Plan Change, advising:

- A finalised summary of submissions will be reported to the Urban Development and Transport Committee on 31 March 2022;
- There were eight main themes to the submissions;
- That all points from submitters have been captured in the process and that some submitters made a number of submissions as both individuals and as part of organisations;
- The challenge with the Options was to find the right balance between addressing the community feeling but also satisfying the Council's statutory requirements;
- That staff are still working through whether tsunami risk should be included in the District Plan;
- That Council is not waiting for Regional Policy Change before implementing this as it could still be a number of years away and work needs to be done to update the District Plan to give effect to both the Regional Policy Statement and New Zealand Coastal Policy Statement. The Regional Plan Framework Notification is not until 2024 but there is a need to move now as there is a gap in the plan and there is of land use and intensification without the appropriate controls;
- That there are timing issues for the additional technical work around the Plan Change and that the draft will be a step in the process showing how submissions have been listened to and that there is room to develop the Plan Change based on feedback and further technical analysis;
- That the Plan will use the Activity status to incentivise some activities over others; and
- That Staff are working with the Council Communications team to provide information on the Coastal Hazards Plan Change to residents that is more readable and understandable

Coastal Adaptation Framework – Analysis of Submissions

Jane Morgan and Katy McRae returned and presented the submission analysis and proposed responses on the Coastal Adaptation Framework, advising:

- Based on feedback from submitters, Staff recommend that changes be made to Guiding Principles Two and Seven of the CAF; and
- Based on feedback from submitters, Staff recommend the inclusion of a new section in the CAF that sets out the engagement principles that will support adaptation planning, with education and wellbeing emphasised.

Coastal Panel and Specialist and Technical Advisory Group (STAG)

Jane Morgan and Katy McRae presented on the composition and appointment process of both the Coastal Panel and the STAG, advising:

- While there are six designated community members on the Coastal Panel, the rūnanga, Community Board and Zone Committee representatives will also be representing their communities' interests;

- The rationale behind the inclusion of ‘rest-of-city’ representatives is that: areas have multiple uses, and are not just for locals; public use of funds for the CAF will come from rates which will effect ratepayers citywide; and to help fill in perceived gaps in diversity of the Coastal Panel; and
- That seeking expressions of interest (**EOI**) from experts in the community could be considered for future Panels, but in practice there is a relatively small pool of experts who fit the brief. In addition, the Council is looking to save costs by using people from public entities whose participation in the Panels will form part of their existing role.

Endorsement of representatives for the Whakaraupō/Lyttelton Harbour Coastal Panel

Jane Morgan and Katy McRae presented on the composition and appointment of the representatives for the Wharaupō/Lyttelton Harbour Coastal Panel, advising:

- Representatives from Te Hapū o Ngāti Wheke, Te Pātaka o Rākaihautū Banks Peninsula Community Board and the Banks Peninsula Zone Committee had been put forward;
- Six community representatives had been identified through the EOI process, coming from a range of different ages and geographical locations within the area;
- One representative from the rest of the city had been identified and looking at the possibility of a second representative being a rotating Community Board role, in this instance from the Coastal-Burwood Community Board to allow for early socialisation before planning start in Coastal-Burwood.

The Working Group provided the following feedback:

- Endorsed the production of a graphic to inform the public about the risks across the district and how these are being managed;
- With the exception of Councillor Johanson, endorsed the proposed risk-based approach for the Coastal Hazards Plan Change. Councillor Johanson expressed his concern regarding the timing of the proposed approach and wanted more time for community engagement;
- That the Draft Plan Change should make it clear which areas in the report are subject to further technical refinement and those which are more well developed;
- Noted that methodologies for ensuring that embedding carbon costs are proactively considered and still emerging;
- Requested that the wording of Guiding Principle Seven of the CAF be revisited to include more commentary from the previous Draft and also that more plain language be used;
- Endorsed the proposed amendments to the policy principles in the Coastal Adaptation Framework;
- Endorsed the proposed amendments to the composition and appointment process for the Coastal Panel in the Coastal Adaptation Framework; and
- Endorsed the representatives for the Whakaraupō/Lyttelton Harbour Coastal Panel

Action Points

1. Staff to work on a graphic to inform the public about the risks across the district and how these are being managed.
2. Staff change the wording of Guiding Principle 7 to include more commentary from the previous draft and that more plain language be used.

Attachments

- A Staff Presentation 

Councillor Mauger joined the meeting at 9.15am during the discussion on the Coastal Hazards Assessment. Councillor McInnes left the meeting at 9.30am during the discussion of submissions on the impact of regulation and returned to the meeting at 10.22am during the discussion on Guiding Principle 5 of the Coastal Adaptation Framework.

Deputy Mayor Turner left the meeting at 10.49am and returned at 10.56am during discussion of the STAG composition and appointment process.

Councillor Mauger left the meeting at 10.50am during the discussion on the appointment process of the Coastal Panel and did not return.

Shayne Te Aika left the meeting at 10.55am and returned at 11.03am during the discussion on the endorsement of the representatives of the Whakaraupō/Lyttelton Harbour Coastal Panel.

Meeting concluded at 11.09am.

CONFIRMED THIS 9th DAY OF MARCH 2022.

COUNCILLOR MIKE DAVIDSON
CHAIRPERSON

Unconfirmed

Coastal Hazards Working Group

NOTES

Date: **Wednesday 9 March 2022**
Time: **2.05pm**
Venue: **via audio/visual link**

Present

Chairperson	Councillor Mike Davidson
Deputy Chairperson	Councillor Sara Templeton
Members	Councillor Melanie Coker
	Councillor Pauline Cotter
	Councillor Celeste Donovan
	Councillor Yani Johanson
	Councillor Phil Mauger
	Deputy Mayor Andrew Turner
	Tori Peden (Te Pātaka o Rākaihautū Banks Peninsula Community Board Chair)
	Kakati Royal (Ngai Tahu representative)
	Councillor Vicky Southworth (Environment Canterbury)
	Tumu Taiao Tumu Taiao Yvette Couch-Lewis (Environment Canterbury)
	Councillor Niki Mealings (Waimakariri District Council)

Principal Advisor

Jane Davis
General Manager Infrastructure,
Planning & Regulatory Services
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The agenda was dealt with in the following order.

1. Apologies Ngā Whakapāha

Committee Resolved CHWGC/2022/00001

The apology for absence from Councillor McInnes was noted and accepted.

Councillor Davidson/Councillor Cotter

Carried

2. Notes of the Previous Meeting to be Received

The notes of the Coastal Hazards Working Group meeting held on Thursday, 17 February 2022 were confirmed.

3. Coastal Hazards Working Group agenda

Notes

Submission from the South Brighton Residents' Association

- Hugo Kristensson presented a submission on behalf of the South Brighton Residents' Association (**SBRA**). Mr Kristensson had wished to speak to his submission at the 4 February 2022 meeting of the Working Group but was unable to.
- Tom Parsons, Surface Water Engineer (Contractor), Asset Planning, responded to SBRA's submission clarifying a 'banks down' approach for initial high-level hazard mapping to avoid assumptions about condition, lifetime and effectiveness of various structures.

Coastal Hazards Plan Change

- Mark Rushworth presented on the Draft Provisions for the Coastal Hazards Plan Change. The presentation focused on draft objectives, policies, rules and mapping. Mark advised that a technical review is being put together to go before the Urban Development and Transport Committee on 31 March with a briefing to Community Boards to follow this.
- Mark suggested that if the Working Group had specific concerns or queries around the draft provisions, the Working Group could email Staff directly.
- Staff offered to circulate a link to allow the Working Group to privately view the mapping data to be provided alongside the draft provisions.
- Mark also presented on the ties between the Coastal Hazards Plan Change and the Intensification Plan Change happening in August, especially in the context of qualifying matters.

The Working Group provided the following feedback:

- Questioned whether the word 'potential' in the draft policy "*avoid increasing risk from potential coastal hazards*" was necessary. Staff reported they were happy to seek advice on the wording.
- The Working Group queried whether 'Objective 5.2.2.5.2 C' of the Coastal Hazards Working Draft Plan provisions may be considered by some to create a second standard for coastal hazards assessments on Papatipu Runanga land which might be appealed by other members of the public.
- The Working Group questioned whether more autonomy might be given to Iwi under the Iwi Management Plan and requested that Staff seek further advice on this.

- The Working Group requested further information on the number of households in the Christchurch area that are listed as having qualifying matters.

Coastal Adaptation Framework (CAF)

- Jane Morgan and Katy McRae presented to the Working Group seeking further feedback on the CAF and the consultation document.
- Staff recommended that Phase Three of the CAF – adaptation planning in Whakaraupō/Lyttelton Harbour be paused due to the impact on engagement of the Omicron variant of COVID-19 and mid-winter timing. However, staff also advised that there was planned activity for the Coastal Panel, the Specialist and Technical Advisory Group and with the wider community and rūnanga during this paused engagement.

The Working Group provided the following feedback:

- The Working Group suggested that the phrase “eco-based engineering approached” in the Tracked Changes CAF be amended to “nature based approaches” as this is more readily understandable (page 96 of the agenda).
- The Working Group questioned whether ECan and Central Government’s roles and responsibilities to private property needed to be made more clear in the CAF (page 97 of the agenda).
- The Working Group questioned whether the phrase “*such as lower levels of hazard awareness and socio-economic challenges*” needed to be included. Staff offered to look at including this in engagement principles as an alternative (page 98 of the agenda).
- The Working Group questioned whether the delay to Phase 3 of the CAF would impact on other projects relying on work done in the CAF and felt there was a need to communicate with the community regarding the timelines of these projects.
- The Working Group endorsed the staff recommendation to pause Phase Three of the CAF.

Action Points

1. Staff to circulate a link to the Working Group to allow them private viewing of the mapping data to be provided alongside the Plan Provisions.
2. Staff to provide further information on the number of households in the Christchurch area that are affected by qualifying matters.

Councillor Mauger joined the meeting at 2.08pm.

Councillor Mealings left the meeting at 2.58pm during discussion of the Coastal Hazards Plan Change and did not return.

Meeting concluded at 4.05pm.

CONFIRMED THIS 1st DAY OF APRIL 2022.

COUNCILLOR MIKE DAVIDSON
CHAIRPERSON