



Manaaki Whenua
Landcare Research



United Nations Educational,
Scientific and Cultural organization

PACIFIC *HELP* SYMPOSIUM

Hydrology for the Environment, Life and Policy

Nelson, New Zealand

7-11 November 2005

Organised in conjunction with the Motueka Integrated Catchment Management Programme, a Demonstration *HELP* Basin Project

Programme

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Te Kaitiaki Māori o Aotearoa me UNESCO

NEW ZEALAND
NATIONAL
COMMISSION
FOR UNESCO

Monday 7 November

Tui Room, Tahuna Beach Function Centre, Tahunanui, Nelson

HELP/ICM and the Pacific

Note: Parallel ICM Workshop in Kotuku Room

- 09:30 *Morning tea*
- 10:00 Welcome on behalf of Landcare Research
Maggie Lawton
- 10.15 Welcome and report back from UNESCO general conference
M Austin, UNESCO-NZ
- 10:45 *Theme: What is HELP?*
M Bonell, UNESCO Paris; H Thulstrup, UNESCO, Apia
- Role of HELP Regional Co-ordinating Unit (S Khan, CSIRO comments)
- 11:30 Discussion - UNESCO-HELP role for Pacific countries
- 12:30 *Lunch*
- 13:30 Introducing the Motueka Integrated Catchment Management (ICM) and *HELP*
Basin
A Fenemor, Landcare Research
- 14:00 Catchment research in Canterbury's Selwyn River
S Larned, NIWA
- 14:30 Japanese approaches to Integrated Catchment Management and Opportunities
for *HELP*
Kuraji Koichiro, University of Tokyo (or nominee)
- 15:00 *Afternoon Tea*
- 15:30 *Theme: Dialogue on Pacific Needs for applying a HELP Approach to
Catchment Management*
Hans Thulstrup, UNESCO Apia; Marc Overmars, SOPAC Fiji
- What are the generic challenges and opportunities for applying a *HELP* approach in Pacific volcanic countries?
 - What elements of the *HELP* approach are most applicable in the Pacific?
 - What approaches from today's presentations show some promise for use in Pacific countries?
- 17:00 Conclusion of day
- 19:00 *Mayoral welcome dinner*
The Honest Lawyer
1 Point Road
Monaco, Nelson



Tuesday 8 November

Seifried Vineyard Conference Centre, Appleby, Nelson

ICM Workshop

Facilitator: Dr Glen Lauder

09:30 *Morning tea*

10:00 Integrated Catchment Management: Setting the Context
Dr Morgan Williams, Parliamentary Commissioner for the Environment.

10:30 Introductions

Theme 1: *Engaging councils, catchment communities and stakeholders in ICM*

10:45 What is Integrated Catchment Management?
Andrew Fenemor

11:00 Council perspective of the value of research on ICM.
Rob Smith

11:15 Getting the community involved in ICM: how can this contribute to
developing and implementing policy.
Will Allen & Margaret Kilvington

11:30 The value of building partnerships with Iwi.
Garth Harmsworth

11:45 How is knowledge taken up by Councils?
Glen Lauder

12:00 Discussion

12:30 *Lunch*

Theme 2: *Catchment Connections*

13:30 Understanding water resources in the Motueka valley: is more science / research
needed?
Tim Davie and Joseph Thomas

13:50 Monitoring land cover changes and sediment plumes using satellite imagery.
David Pairman & Stella Belliss

14:05 Understanding land use impacts on water quality & river values.
Roger Young, Trevor James and Neil Deans

14:20 Willows v natives for riparian management?
Chris Phillips



- 14:35 Do we know how much river gravel is gained or lost through extraction?
Les Basher
- 14:50 How does a river plume impact upon the near shore marine environment?
Paul Gillespie & Mark Gibbs
- 15:05 Discussion
- 15.20 *Afternoon tea*

Theme 3: Catchment Futures

- 15:45 What information and scenarios are needed for policy development?
Steve Markham
- 16:00 Can we model futures scenarios for catchment management?
Anthony Cole
- 16:15 A new tool for integrating catchment knowledge: the ICM CD-ROM.
Chris Phillips
- 16:30 Discussion
- 17:00 - 18:00 *Drinks*
Seifried Vineyard Conference Centre, Appleby
- 19:00 *Conference Dinner*
Tides Restaurant
Trailways Motor Inn
66 Trafalgar Steet
Nelson



Wednesday 9 November

ICM Field Day in the Motueka catchment

08:15	Bus departs Landcare Research/Cawthron Institute (164 Milton St)
08:35	Bus departs Kingsgate Beachcomber
08:45	Bus departs Ascot Lodge Motel, Tahuna
09:30	Powhiri Te Awhina Marae - Barney Thomas
10:45	Arrive Puketawai <i>Themes</i> <ul style="list-style-type: none">• Marine issues - Paul Gillespie, Mark Gibbs• Iwi issues - Mick Park, Garth Harmsworth
11:45	Depart Puketawai
12:20	Arrive Pokororo river's edge <i>Themes</i> <ul style="list-style-type: none">• Freshwater ecology - Roger Young• Sediment - Les Basher
12:50	Lunch - Polororo Hall <i>Theme</i> <ul style="list-style-type: none">• Art-science collaboration - Andrew Fenemor
13:40	Depart for Kohatu
14:20	Motueka River at John Ellis's house, Kohatu <i>Themes</i> <ul style="list-style-type: none">• Groundwater & water allocation - Tim Davie, Joseph Thomas, Andrew Fenemor• Riparian restoration - Chris Phillips, Barbara Stuart• River gravel - Les Basher
15:05	Depart for Spooner's Range
15:25	Spooner's Range forest lookout <i>Theme</i> <ul style="list-style-type: none">• Collaborative learning on sediment issues - Will Allen, Andrew Karalus
15:50	Depart for Airport
16:40	Airport
17:00	Tahunanui accommodations
17:20	Nelson accommodations



Thursday 10 November

Tahuna Beach Function Centre, Tahunanui, Nelson

Presentation and Workshop Discussions

- 8:30 Setting the scene for deciding an Action Agenda by end of Friday
M Bonell; H Thulstrup; M Overmars; A Fenemor
- 9:00 *Theme: Pacific presentations*
- 10:30 *Morning tea*
- 11:00 *Theme: Pacific presentations ending with Vanuatu Talisi HELP catchment*
- 12:30 *Lunch*
- 1:30 Iwi perspective on ICM from the Motueka HELP Basin
Garth Harmsworth
- 2:00 Data Collection – Appropriate Technology
R Curry, NIWA
- 2:30 Pacific Stream Health Monitoring & Assessment Kit SHMAK
A Suren, NIWA
- 3:00 *Afternoon Tea*
- 3:30 *Theme: Framing an Action Plan for ICM and HELP in the Pacific*
- What Action Plan elements can be taken back to Pacific countries and how should the Plan be framed?
 - ICM and *HELP* - how they could be implemented as concepts in South Pacific nations; what research knowledge and tools are most needed?
 - Identify constraints within which ICM and *HELP* principles must operate for Pacific situation, i.e. where best to focus effort.
 - Identify achievable action items for a 6-year *HELP* vision for Pacific countries.
- 5:00 *Conclusion of day*
- 19:00 *HELP Symposium dinner*
Olivias on the Quay
272 Wakefield Quay
Nelson



Friday 11 November

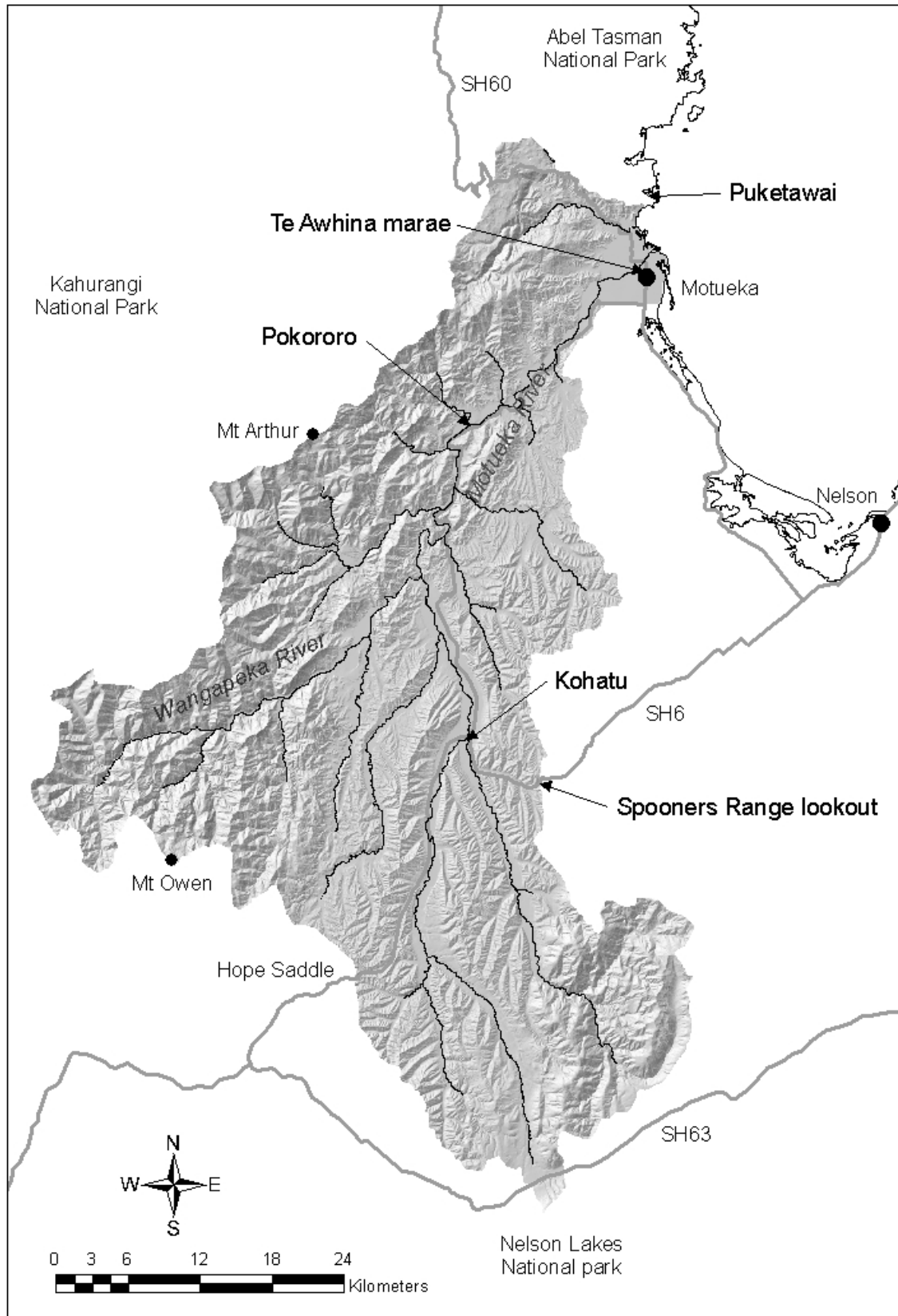
Tui Room, Tahuna Beach Function Centre, Tahunanui, Nelson

Pacific HELP Meeting

- 8:30 *Theme: Review of Yesterday*
M Bonell; H Thulstrup; M Overmars or A Fenemor
- What are the opportunities?
 - What are the gaps?
 - What the Action Plan needs to have decided by the end of the day?
- 9:00 Workshop Discussion
Theme: Achievable Action Items
- Monitoring and instrumentation, sediment, flood management, water quality, training, community engagement etc
- 10:00 *Morning tea*
- 10:30 Workshop Discussion
Theme; Developing the Action Items
- How can we share learning around the Australasia/Pacific region?
 - Learning from other *HELP* basins
 - What tools and techniques are most important and most relevant to Pacific catchment management needs?
- Theme: Context, commitments and support that UNESCO-IHP, SOPAC and other initiatives can provide to implement Action Items*
- Identify aid opportunities for supporting implementation
 - 6 year timeframe for actions
- 12:30 *Lunch*
- 1:30 Workshop Discussion
Theme: Compiling and agreeing the Action Plan
- 3:00 *Afternoon Tea*
- 3:30 Workshop Discussion
Theme: Future Actions
- Commitments to delivering and pushing the Action Plan
 - Support commitments
 - UNESCO-*HELP* commitments
- 4:00 Conclusion and Farewells







The Motueka Help Catchment