Integrated Catchment Management: iwi/hapu values and collaboration
ICM-AGM Nelson, November 2004

Garth Harmsworth
(Te Arawa, Ngāti Tūwharetoa, Ngāti Raukawa)
Landcare Research, Private Bag 11-052, Palmerston North
HarmsworthG@LandcareResearch.co.nz
Iwi values and collaboration

Progress:
Te Tau Ihu O Te Waka a Maui
Motueka – 3 years – building relationships, models/frameworks for collaborative learning, reflection, collaborative research with tangata whenua, Maori organisations (MIRMAK)
3 main iwi: Ngāti Rarua, Te Atiawa, Ngāti Tama

The work:
- Creating a learning environment based on respect, trust, and goodwill
- Identifying iwi and hapu issues
- Opportunities for joint research and linkages to ICM research
- Frameworks and models for collaborative learning and reflection
- Collaborative guidelines
- Links to other ICM social learning
- Links to biophysical science
- Identifying capacity needs
- Indigenous knowledge research /environmental monitoring
- Understanding knowledge management systems (cultural-social-environmental) – decision-making
- Collaborative projects with iwi/hapu groups
Contracted milestones and outputs
2003-2005

- Papers (2) – Collaborative research with iwi and hapu as part of ICM in NZ, web site paper and refereed journal (June 2005)
- Paper – Maori environmental monitoring for journal – with Gail Tipa (June 2005)
- Web – Collaborative guidelines and checklist (June 2004)
- Presentations and article on iwi/hapu/ICM participatory research (Hui, Discovery, AGM)
- Add to, update, contribute to ICM web site
- Report – Good practice guidelines for iwi/hapu/local government relationships (for web site June 2005)
- Manage ICM sub-contract: tangata whenua information systems (progress reports – June 2005)
Iwi project (sub-contract)
Tangata whenua information systems
(Commenced October 2003)

Progress:
Project team est., No. hui held, data/information agencies contacted, work plan and strategy developed, GIS discussion paper circulated, hardware, software, and data requirements investigated and reported

Purpose:
- Iwi knowledge and management system
- Repository for cultural (matauranga) and environmental knowledge
- A Geographic Information System will be central
- Support iwi activities, e.g. cultural monitoring, environmental monitoring, cultural impact assessment, resource consents
- To improve decision-making
- Underpin cultural–environmental projects
- Facilitate links with ICM science projects
- Links with community and local government projects
- Networks, internet, intranet, www
Figure 1: GIS layers and confidential sub-layers
Working together – promoting partnerships, collaborative learning, research with tangata whenua

- ICM research that contributes to iwi activities/projects/research and improves decision-making
- Collaborative management approaches, management systems, with tangata whenua
- Conceptual models and frameworks for collaborative research, learning, participation, collaborative research guidelines
- Responsive ICM research – alignment to tangata whenua issues, increased iwi access to ICM science and research information
- Understanding, respecting, utilising cultural knowledge
- Good practice guidelines for building partnerships between tangata whenua – local government – stakeholders, researchers, and the community
- Joint projects – to achieve agreed regional/community goals, community development, and ultimately sustainable development
Figure 1: The key steps to developing collaborative research with iwi
Figure 3: Making the 'collaborative research model’ work: The key ingredients

- Human Capacity – capability to undertake and carry out research and project management
- Belief and commitment in the research - belief in the Kaupapa
- Partnership – participatory research – shared management
- Issues
- Adequate resources
- Vision and goals
- Key people – drivers or champions of the research
- Tikanga – protocols – cultural values