

NEW ZEALAND COUNTRY REPORT 2017

Dennis Jamieson

25th Meeting of the IHP RSC for Southeast Asia
Manila, November 2017

IHP links to Government priorities

- Change in Central Government after 9 years
 - Anticipate greater alignment with multi lateral organisations such as UNESCO
- Access to data: APFRIEND
 - Access to data – and sharing of data a major opportunity
- Flood estimation: APFRIEND
 - Review after major flooding events
- IHP-VIII
 - IWRM, Ecohydrology
 - “3 waters” (drinking water, stormwater, wastewater) and irrigation
 - “3 waters” now becoming the higher priority after drinking water mass poisoning, flooding events, increasing concern about urban stormwater quality and “leaky” wastewater systems

Highlights

- FE2W initiative
 - Workshop held on “Water Challenges in Canterbury” on 8 Nov, 2017
 - Used Vietnam case study
 - Potential application in assessment process for progress on local major IWRM approach (Canterbury Water Management Strategy)
- Major items:
 - IHP –VIII
 - South Pacific Applied Geosciences Commission (SOPAC)
 - Korean Water Resources Association (KWRA)
- Activities with Pacific Islands
- Activities for 2017/18

IHP Activities

- Interim IHP National Committee
 - Dennis Jamieson filling role of Chair and MS Srinivasan as Secretary
- Update of Flood Estimation methods
 - Ongoing effort with support of NZ Hydrological Society and Water NZ
- Freshwater resources data collection and archiving
 - Coordination between Regional/Central Govt. And industries improving
 - Example: <https://www.lawa.org.nz/>
- Land use intensification effects - water quality/quantity (Urban/rural)
- Infrastructure
 - Increased focus on urban (3 waters) issues
 - Challenge given recovery costs of major earthquakes.

Freshwater Management

- Central Government setting expectations but allowing for local customisation.
 - Strong community interest in aspects such as whether water quality in rivers should be “wadeable”, “swimmable” or “drinkable”.
 - Major election item – now expect stronger standards: BUT who will pay?
- Urban water as well as rural
 - Urban people often not aware of their role....
 -but have high expectations for water quality and other values in water bodies

National and International collaboration

- FE²W
 - Increasing relevance and application: watch this space!
- Land and Water Forum
 - Stakeholder led collaborative process
- SOPAC
 - Continues role in Pacific after reorganisation
 - Complements direct country links
- Korean Water Resource Association
 - Important relationship continues with NZ Hydrological Society

Activities with Pacific Island Countries

- Enduring links
 - Many links between NZ and other Pacific Island Countries (PIC's). Challenges due to isolation, distances, competition for limited resources
- SOPAC
 - IHP-linked organisations in NZ working with SOPAC and others to identify and participate in projects that support colleagues in hydrology around the Pacific
 - Pacific Adaptation to Climate Change (PACC) programme
- Coordination with other countries
 - An important objective is to increase coordination between multiple funders in hydrology-related work to achieve long term objectives

2017/18

- FE₂W – very relevant in context of IWRM
- Major changes expected through increased central government engagement (Opportunity!):
 - Multilateral agency interest
 - Changes in how water services planned and delivered
- Ecohydrology.
- Coordinated activity by water professional organisations(e.g. NZ Hydrological Society) to influence government role and investments in science.