



IP3 Network Users' Advisory Committee: Background/Mandate

Bob Reid

IP3 Workshop #2

Wilfrid Laurier University

Waterloo, Ontario

8-10 November 2007



Background for Users' Input

- Mackenzie GEWEX Study 1995-2005:
MAGS User Advisory Group
 - Chair: D. Milburn
 - Users' Advisory Group Session at MAGS AGM/Science meeting, Jasper, Nov 2002
 - Users' Advisory Group Workshop, Edmonton, June 2003
 - GEWEX-MAGS AGM, In Montreal, Nov 2003
?Users' Advisory Group?



MAGS Users' Advisory Group

- Invitation extended to people in water management field: govt, water boards, hydro utilities, mining/petroleum industry
- Attended science conferences/AGMs to observe current research activities & updates
- Question posed: How can GEWEX-MAGS help water management professionals?



MAGS Users Advisory Group

- Response: Global Scale is good stuff:
- but, we need hydrology on small basins, with scale on 10s km², 100s km², and 1000s km²
 - Mine site water balance
 - Highway and pipeline stream crossings
 - Hydro-electricity: assessment, development, operations, flow forecasts



MAGS Users Advisory Group

- User needs:
- Larger scale $>10,000 \text{ km}^2$
 - Hydro-electricity operations, etc
 - Transboundary flow scenarios for withdrawals, transfers, climate change
 - Ice jam/flood forecasting
 - Forecasts for river transportation



Predictions in Ungauged Basins (PUB – MAGS/GEWEX)

- PUB Workshop
 - Yellowknife, March 2004
- IP3 in Cold Regions Network
 - Follow-up to GEWEX, but regional vs global
 - Shorter term, 4 year mandate
 - Hydrological Basins with real winters



IP3 in Cold Regions Network

- Established – spring/summer 2006
- 1st Science Committee Meeting- May 06
- 1st Board of Directors meeting - Sept 06
- 1st Workshop, Saskatoon, Oct 06
 - Users' Advisory Committee desired

IP3 Network:

Users' Advisory Committee

- Chair & Ex-Officio Members, Jan 07
 - Potential members identified and contacted
- UAC Terms of Reference, March 07
 - Approved by Board of Directors, Mar 07



IP3-Users' Advisory Committee

Terms of Reference

- Purpose:
- Provide advice to the IP3 Science Ctte on users' needs for research
- Provide feedback on IP3 from the users' perspective
- Assist in identifying funding sources for the Network, including collaboration



Terms of Reference- cont'd

- Represent a broad spectrum of users with the study areas
- Serve as a link between the Science Committee and the public

IP3 Users' Advisory Committee

Membership:

- Bob Reid, Chair
- Mark Bennett
- Ian Church
- Ken Dies
- John Diiwu
- Shelley Humphries
- Ed Johnson
- Steve Kokelj
- David Morrison
- Edward Reeves
- Robert Sandford
- Wanli Wu
- Scott Wytrychowski
- *Ex-Officio*
- John Pomeroy
- Chris Spence
- Julie Friddell



IP3 Users' Advisory Committee

- Next Steps:
- User's Workshop
 - When:
 - Where: Edmonton, Yellowknife?
 - Who: