

# Global Water Knowledge Synthesis and Assessment

Organised by Water Future -Australia, UNESCO-WWAP, IIASA and CSIRO

## WORKSHOP AGENDA

20<sup>th</sup> – 21<sup>st</sup> March 2017

Griffith University, Brisbane

### Day 1

Griffith University Eco-Centre, Nathan Campus

8:45– 9.00	<p><b>Welcome and Introduction</b>  <i>Stuart Bunn (Australian Rivers Institute and host of Water Future) will welcome attendees.</i></p>
9.00 – 10.30	<p><b>Session 1 – Plenary presentations</b>  <b>Establishing the need and vision for a comprehensive global water synthesis and assessment</b>  <i>Moderated by András Szöllösi-Nagy</i></p> <ul style="list-style-type: none"> <li>• Stock-take of existing global water assessments; what are the strengths and/or limitations of current assessments?</li> <li>• Setting the vision for the comprehensive global water assessment –Guiding Principles</li> </ul> <p><i>Short Presentations-</i>  <i>Charles Vorosmarty (CUNY, and Water Future)</i>  <i>Stefan Uhlenbrook (UNESCO-WWAP)(online)</i>  <i>Angela Ortigara (UNESCO-WWAP)(online)</i>  <i>Francis Chiew (CSIRO)</i>  <i>Anik Bhaduri ( Water Future)</i>  <i>Tom Soo( World Water Council)</i></p>
10.30 – 10.45	<p><i>Morning tea/coffee break</i></p>

10.45-11.00	<p><b>Session 2: Stakeholder involvement – Plenary presentations</b>  <i>Moderated by Karen Hussey (University of Queensland)</i></p> <p><i>Presentation from</i>  <i>David Wiberg (IWMI) (TBC)</i>  <i>Simon Langan (IIASA)</i></p> <ul style="list-style-type: none"> <li>• How will include different perspectives likely influence process design?</li> <li>• How will different stakeholders be engaged in the process of formulating the assessment?</li> </ul>
11.00 – 12.00	<p><b>Plenary – Discussion supporting sessions 1 and 2</b>  <i>Chaired by András Szöllösi-Nagy (Water Future)</i></p>
12.00 – 13.00	<p><i>Lunch</i></p>
13.00 – 14.45	<p><b>Session 3: Breakout session: Key research questions</b>  What are key research questions and/or gaps that will need fulfilment before an assessment can be produced and how can they be prioritised to address the following issues?</p> <p><b>Breakout groups-</b></p> <ol style="list-style-type: none"> <li>1. <b>Current State of Water Resource-</b> moderator-<i>Robert Vertessy</i></li> <li>2. <b>Future State of Water-</b> moderator <i>Francis Chiew</i></li> <li>3. <b>Governance and Management Practices for Transformation towards sustainable water use-</b> moderator <i>Stuart Bunn</i></li> </ol>
14.45-15.00	<p><i>Afternoon tea/coffee break</i></p>
15.00-15.30	<p><b>Summary of discussion from the breakout groups</b></p>
15.30-17.00	<p><b>Session 4: Available Data products and Modelling tools to meet the comprehensive global water synthesis and assessment needs</b>  <i>Chaired and moderated by Anik Bhaduri</i></p> <p><i>Short presentations and perspectives from:</i></p> <p><i>David Lemon (CSIRO)</i>  <i>Dietrich Borchardt (Water Future) (online)</i>  <i>Balazs Fekete (CCNY) (online)</i>  <i>Marianela Fader (UNESCO and Water Future) (online)</i>  <i>Carlo Giupponi (Water Future)(Online)</i>  <i>Murray Peel ( University of Melbourne)</i>  <i>Ben Stewart-Koster (Griffith University and Water Future)</i>  <i>Simon Linke (Griffith University and Water Future)</i>  <i>Mirela G Tulbure ( University of New South Wales)</i></p>
17:00 -	<p><b>After Hours: Drinks, Nibbles &amp; Conversation.</b> Location TBA</p>

## Day 2

Level 1, Building N78 (1.19) Nathan Campus

9.00 – 9.20	<b>Review of day 1</b> <i>Charles Vörösmarty (Water Future)</i>  <b>Scene setting synthesis</b> <i>Francis Chiew (CSIRO)</i>
9.20 – 9.30	<b>Short presentation</b> <i>Claudia Ringler (Water Future and IFPRI)</i>
9.30 – 11.30	<b>Session 5: Breakout sessions</b> <b>Data and Earth Observation:</b> How can existing models, data and tools be better utilised? Moderated by <i>Rick Lawford</i>  <b>Methodologies-</b> Discussion of key assessment methodologies and indicators, pertaining to the assessment of Global State of Water, integration of socio economic and hydrological data, development of indices, modelling to fill up the data gap. Moderated by <i>Charles Vorosmarty</i>  <b>Scenarios for better decision making for sustainable water future-</b> Discussion on scenarios for comprehensive risk assessment analysis, water security mapping vulnerabilities, assessment of extreme weather, water risk mapping, populations dependent on water source areas under contrasting conflict potentials. Moderated by <i>Simon Langan</i>
11.30-11.45	<i>Morning tea/coffee break</i>
11.45 – 12.30	<b>Summary of the breakout sessions</b>
12.30 – 13.30	<i>Lunch</i>
13.30 – 15.30	<b>Session 6: Plenary discussion defining the roadmap for comprehensive global water synthesis and assessment</b> <i>Moderated by Charles Vörösmarty (CUNY and Water Future)</i>  -Revisit of the outline of the comprehensive report -Planning of subsequent workshops -Funding strategy
15.30-15.45	<i>Afternoon tea/coffee break</i>
15:45 – 16:30	<b>Session 7: Plenary - Agree on priorities and next steps</b> <i>Moderated by András Szöllösi-Nagy (UNESCO and Water Future)</i> <ul style="list-style-type: none"><li>• Recapitulation and capturing of main points</li><li>• Agreement on the next steps for Comprehensive Global Water Assessment initiative.</li></ul>
16:30	<b>CLOSE</b>

## Attendees:

1. András Szöllösi-Nagy (UNESCO and Water Future),
2. Charles Vörösmarty ( CUNY and Water Future),
3. Simon Langan (IIASA and Water Future),
4. Richard Lawford (Water Future),
5. Anik Bhaduri (Water Future),
6. Mark Kennard ( Water Future)
7. Francis Chiew (CSIRO),
8. Lu Zhang (CSIRO),
9. David Lemon (CSIRO),
10. Karen Hussey (University of Queensland),
11. Murray Peel (University of Melbourne ),
12. Robert Vertessy (University of Melbourne),
13. Simon Linke (Griffith University and Water Future),
14. Ben Stewart-Koster (Griffith University and Water Future),
15. Stuart Bunn (Griffith University and Water Future),
16. Malcolm Wolski (Griffith University and Water Future),
17. Mirela G Tulbure ( University of New South Wales)
18. Constantin Seidl (PhD Candidate, University of Adelaide)
19. David Wiberg ( IWMI) (TBC)

1. Tom Soo (WWC) (online)
2. Claudia Ringler (IFPRI and Water Future) (online)
3. Stefan Uhlenbrook (UNESCO-WWAP) (online)
4. Angela Ortigara (UNESCO-WWAP) (online)
5. Dietrich Borchardt (Water Future) (online)
6. Balazs Fekete (CCNY) (online)
7. Marianela Fader (UNESCO and Water Future) (online)
8. Carlo Giupponi (Water Future) (online)

We are grateful for the support of Rapporteurs:

- Ryan Burrows (Australian Rivers Institute)
- Joe McMahon (Australian Rivers Institute)