



## ACQWA 2012 General Assembly Meeting

*ICTP-Trieste, Italy, September 2-5, 2012*

### Programme

|                          |   |
|--------------------------|---|
|                          | <i>Sunday, September 2, 2012</i>  |
|                          |   |
| <b>Afternoon/evening</b> | Arrival of participants   |
|                          |   |
|                          | <i>Monday, September 3, 2012, Morning</i>   |
|                          |   |
| <b>From 08:00</b>        | Registration  |
|                          |   |
|                          | <b>Session 1</b>  |
| <b>09:00-09:10</b>       | Welcome remarks and objectives of the meeting<br><i>M. Beniston, University of Geneva, Switzerland, ACQWA Coordination</i>  |
| <b>09:10-09:30</b>       | Short report on WP1 since 2011<br><i>M. Stoffel, University of Geneva, Switzerland, ACQWA Coordination</i>  |
| <b>09:30-10:00</b>       | 2012 reporting: things to do and not to do!<br><i>M. Stoffel, University of Geneva, Switzerland, ACQWA Coordination</i>   |
|                          |   |
|                          | <b>Session 2a</b>   |
| <b>10:00-10:15</b>       | Short report on WP2 since 2011<br><i>A. Lehmann, University of Geneva, Switzerland, WP2 chair</i>   |
| <b>10:15-10:35</b>       | Snow cover: current evolution and climate trends in the Syr Darya watershed, Kyrgyzstan<br><i>J.-P. Dedieu, Université Joseph Fourier, Grenoble, France</i>   |
|                          |   |
| <b>10:35-11:00</b>       | <b>Coffee, Tea, Refreshments</b>  |
|                          |   |
| <b>11:00-11:20</b>       | THREDDS Data Server: a netcdf data visualization tool<br><i>G. Giuliani, University of Geneva, Switzerland</i>  |
| <b>11:20-11:40</b>       | Large atmospheric circulation influence on ACQWA study areas. Temperature and precipitation extremes<br><i>E. Xoplaki, University of Bern, Switzerland (currently University of Giessen, Germany)</i> |
| <b>11:40-11:55</b>       | WP2 outlook to the final year<br><i>A. Lehmann, University of Geneva, Switzerland, WP2 chair</i>  |
|                          |   |
|                          | <b>Session 2b</b>   |
| <b>11:55-12:10</b>       | Short report on WP3 since 2011<br><i>P. Burlando, ETH-Zurich, Switzerland; A. Gobiet, University of Graz, Austria, WP3 co-chairs</i>  |
| <b>12:10-12:25</b>       | Short report on WP4 since 2011<br><i>J.-I. Lopez-Moreno, Zaragoza, Spain; and A. A. Allan, Dundee, Scotland, WP4 co-chairs</i>  |
|                          |   |
| <b>12:30-14:00</b>       | <b>Lunch</b>  |

|                    |  |
|--------------------|--|
|                    | <b>Monday, September 3, 2012, Afternoon</b>  |
|                    |  |
|                    | <b>Session 2c</b>  |
| <b>14:00-14:20</b> | Catchment scale hydrological response to climate change<br><i>S.Fatichi, ETH Zurich, Switzerland</i>   |
| <b>14:20-14:40</b> | Changes in the water source dynamics of alpine river systems: the potential implication for aquatic biodiversity<br><i>K. Khamis, D. Hannah, and A. Milner, University of Birmingham, UK</i>         |
| <b>14:40-15:00</b> | Climate change impacts on glaciers in the Alps<br><i>M.Carenzo, ETH Zurich, Switzerland</i>  |
| <b>15:00-15:20</b> | Modelling aquatic biodiversity in the Rhône Catchment<br><i>A.-L. Montbertrand, University of Geneva, Switzerland</i>  |
| <b>15:20-15:40</b> | Glaciers and hydrology in the Tien Shan region of Central Asia: an overview<br><i>A. Sorg, University of Geneva, Switzerland</i>   |
|                    |  |
| <b>15:40-16:10</b> | <b>Coffee, tea, refreshments</b>   |
|                    |  |
| <b>16:10-16:30</b> | Debris flow events in the Zermatt Valley: a characterization of the large scale atmospheric dynamics<br><i>A. Toreti, University of Bern, Switzerland (currently University of Giessen, Germany)</i> |
| <b>16:30-16:50</b> | Methodological framework to analyze extreme events under climate change<br><i>H. Formeyer, BOKU, Vienna, Austria</i>   |
| <b>16:50-17:10</b> | Alpine lake ecosystems<br><i>A. Provenzale, ISAC-CNR-PNGP, Italy</i>   |
| <b>17:10-17:30</b> | Po and Rhone catchments: response to climate change with different resolution RCM inputs<br><i>M. Verdecchia, University of L'Aquila, Italy and E. Coppola, ICTP, Trieste, Italy</i>                 |
|                    |  |
|                    | <b>Intra-Work-Package breakout group discussions and problem-solving sessions</b>  |
| <b>17:30-18:30</b> | Discussions within WPs, individual project reviews, planning for the final year, etc.  |
|                    |  |
| <b>18:30</b>       | <b>End of first day. Evening free</b>  |
|                    |  |
|                    |  |
|                    | <b>Tuesday, September 4, 2012, Morning</b>   |
|                    |  |
|                    | <b>Session 2d</b>  |
| <b>08:30-08:50</b> | Effect of Climate change on the runoff timing for the Po and Rhone river basin. How this change depends on the model resolution<br><i>E. Coppola, ICTP, Trieste, Italy</i>                           |
| <b>08:50-09:10</b> | WP3 outlook to the final year<br><i>P. Burlando, ETH-Zurich, Switzerland; A. Gobiet, University of Graz, Austria, WP3 cochairs</i>   |
| <b>09:10-09:30</b> | Forests under climate warming<br><i>H. Bugmann, ETH-Zurich, Switzerland</i>  |
| <b>09:30-09:50</b> | Impacts of Climate Change on Agriculture<br><i>P. Smith, Agroscope, Reckenholz, Switzerland</i>  |
| <b>09:50-10:20</b> | Hydropower and climate change: the Dora Baltea case study<br><i>M. Volonterio, RSE and CVA, Italy</i>  |
|                    |  |
| <b>10:20-10:50</b> | <b>Coffee, tea, refreshments</b>   |

|                    |  |
|--------------------|--|
| <b>10:50-11:10</b> | Economic and policy analysis of the role of water management in smoothing the impacts of climate variability in agriculture (case study of the Po Valley)<br><i>T. Swanson and M. Bozzola, Graduate Institute for International Studies and Development (IHEID), Geneva, Switzerland</i> |
| <b>11:10-11:30</b> | Identifying challenges and solutions for adaptation-based trade-offs across scales.<br><i>M. Hill, University of Geneva, Switzerland</i>   |
| <b>11:30-11:50</b> | Tourism and climate change in Valais: present and projected water consumption and adaptation<br><i>A. Schaub and L. Andonova, Graduate Institute for International Studies and Development (IHEID), Geneva, Switzerland</i>  |
| <b>11:50-12:10</b> | WP4 outlook to the final year<br><i>J.-I. Lopez-Moreno (Zaragoza, Spain) and A. A. Allan (Dundee, Scotland), WP4 co-chairs</i>   |
| <b>12:15-13:30</b> | <b>Lunch</b>   |
|                    |  |
|                    | <i>Tuesday, September 4, 2012, Afternoon</i>   |
|                    |  |
|                    | <b>Cross-Work-Package breakout-group discussions and problem-solving sessions</b>  |
| <b>13:30-15:00</b> | Discussions between WPs, review of WP2, 3, 4 projects, planning for the final year, etc.   |
| <b>15:00-15:30</b> | <b>Coffee, tea, refreshments</b>   |
|                    |  |
|                    | <b>Session 3</b>   |
| <b>15:30-16:30</b> | Brief summaries of intra-WP and cross-WP discussions and problems requiring solutions<br><i>Session rapporteurs</i>  |
|                    |  |
|                    | <b>Session 4</b>   |
| <b>16:30-18:00</b> | The final year of the ACQWA Project: the final conference, stakeholder and policy side-events, final publication (for the EC), Special journal issues, etc.<br><i>M. Beniston and M. Stoffel, University of Geneva, Switzerland, ACQWA Coordination</i>                                  |
| <b>18:00-18:15</b> | Any other business, concluding remarks<br><i>M. Beniston, University of Geneva, Switzerland, ACQWA Coordination</i>  |
| <b>18:15</b>       | <b>End of the 2012 ACQWA General Assembly Meeting</b>  |
|                    |  |
| <b>From 19:30</b>  | <b>Conference dinner</b>   |
|                    |  |
|                    | <i>Wednesday, September 5, 2012, Morning</i>   |
|                    |  |
| <b>09:00-12:00</b> | ACQWA Management Board Meeting   |
|                    |  |