



Panta Rhei – Everything Flows
Change in Hydrology and Society
IAHS Scientific Decade 2013-2022
www.iahs.info/pantarhei

Guidelines for the Activity of Working Groups

Premise

Working Groups (WGs) are the soul of Panta Rhei and the means through which the research activity is carried out. This document, that is prepared by the Panta Rhei Chair and Target Leaders, aims to provide essential guidelines for the development of WG activities. Although we are trying to codify a series of initiatives that WGs can propose, it is essential to point out that Panta Rhei is a grass root research endeavor, with little bureaucracy and lot of flexibility. Panta Rhei is open to any exciting idea for shaping 10 years of research on hydrology and society. In general, WGs are encouraged to promote the application of their research outcomes in water practices for bridging the gap between researchers, professionals and policy makers, through sharing of their knowledge (for instance, on the website of Panta Rhei).

Please contact Panta Rhei (through the contact form of the web site) if you have any thought for stimulating the WG activities.

Activity of Working Groups

WGs can individually or collectively propose research, educational or dissemination initiatives.

- **Research activities** may include:
 - Producing research activity addressing the Panta Rhei science questions, by promoting international cooperation, in line with the guiding principles of IAHS.
 - Writing scientific papers reporting the progresses of the above scientific activities, by acknowledging the inspiration provided by Panta Rhei (see the Panta Rhei web site to get instructions to properly acknowledging Panta Rhei).
 - Organising symposia during scientific conferences, like IAHS symposia or workshops, or session at EGU and AGU conferences etc.
 - Editing special issues on the Hydrological Sciences Journal (HSJ) or other scientific journals. Attention to HSJ is much appreciated to raise the impact of the IAHS flagship journal.

- Promoting relevant research themes at the international level, to contribute to raise the attention of researches on scientific issues that are relevant to Panta Rhei.
 - Writing community papers, to raise the impact and visibility of IAHS and the hydrological community in general. Although it is of course difficult to make a synthesis of the opinion of several people, community papers are a very effective means to promote community building and to raise the impact of hydrological publishing.
 - Proposing research projects and applications for funding. Panta Rhei is willing to provide endorsement letters for research proposals. The capability of attracting research funding is a meaningful indicator of the effectiveness of a research initiative like Panta Rhei.
- **Educational activities** may include:
 - Organising summer and winter schools, and educational activities in general for Ph.D. students and post-docs.
 - Developing educational videos, or collecting series of videos on education in hydrology.
 - Sharing educational materials for undergraduate and graduate students. This would be a very valuable initiative to support education at the international level. The educational material that is eventually produced could be made available on the Panta Rhei web site (or another convenient web site to give it proper visibility).
- **Dissemination activities** may include:
 - Writing statements on relevant societal issues. Statements are a very powerful means to catch the attention of the public. Statements should be preferably written by a pool of WGs. The approval by the Panta Rhei governance is necessary in order to gain the status of “Panta Rhei statement”. Declarations that have particular broad relevance could be proposed to the IAHS Bureau to be recognized as IAHS statements.
 - Writing Science-policy brief. A policy brief is a short summary of research findings to be presented to a non-technical audience to disseminate research for the sake of identifying priorities in a specific policy issue. The aim of the policy brief is to influence policymakers. They may be subjected to approval by Panta Rhei and IAHS as for statements.
 - Developing videos or other outreach material to raise the impact and visibility of Panta Rhei and hydrology in general. Water is going to be one of the main future challenges for society. There is the need to raise the attention of people to water problems.
 - Contributing to completing the Panta Rhei list of papers (see web site) and contribute to raise their visibility, by appropriately citing them. A community effort is needed to promote the visibility of Panta Rhei.

Other activities can be proposed in line with the principle of flexibility that has been outlined above. WG chairs are also invited to propose additional ideas to be included in the present document. Sharing of ideas will be one of the keys for the success of Panta Rhei.

Visibility of the activity of WGs

The activity of WGs should be properly communicated through the Panta Rhei web site. Please use the contact form of the web site to let us know your initiatives. The web site is at your disposal for advertising your aims and achievements.

Annual report of the WGs

WGs are expected to produce a short and schematic annual report (1 page) of their activity that will be published on the Panta Rhei web site. A template for the annual report will be made available through the web site itself. The deadline for the first annual report will be December 31st, 2014.