
REPORT OF ACTIVITIES: JULY, 2016 – JUNE, 2017

SUMMARY OF THE REPORT

1. MOXXI VISIBILITY ACTIONS & INITIATIVES;
2. MOXXI WORKSHOPS AND SESSIONS ORGANIZED IN THE PERIOD JULY, 2016 - JUNE, 2017;
3. FORTHCOMING EVENTS.

1. MOXXI VISIBILITY ACTIONS

The MOXXI WG executive team consists of: Flavia Tauro (University of Tuscia, Chair), Rolf Hut (Delft University of Technology), and Theresa Blume (GFZ German Research Centre for Geosciences, Potsdam).

- We have strengthened the MOXXI community with dissemination activities at conferences and through the group newsletter.

Currently, the group consists of 90 “friends” from more than 15 countries. Many of them are using MOXXI webpage (on the IAHS website) to showcase their papers.

- During this year, as Chair of the group, I have advertised MOXXI by contributing to several international meetings with the following presentations on the group’s objectives and initiatives:

1. Tauro F.: “MOXXI: Measurements and Observations in the 21st Century”, MOXXI First Topical Conference, November 21, 2016, ESA-ESRIN, Frascati (Rome), Italy.
2. Tauro F.: “Measurements and Observations in the XXI Century”, Digital Mapping & Active Citizenship, WARREDOC, March 15th, 2017, University of Foreigners, Perugia, Italy.
3. Tauro F.: “MOXXI: A community effort for promoting innovation and multidisciplinary in hydrology”, New Insights for Hydrological Observations, IHP - UNESCO, June 14th, 2017, University of Foreigners, Perugia, Italy.

- I am coordinating the writing of the community paper: “Measurements and Observations in the XXI century (MOXXI): innovation and multidisciplinary to sense the hydrological cycle”. This effort (co-authored by 30 MOXXI’s friends) will further strengthen the bonds among the community while offering a reference for current and future research in innovative hydrological observations. The article will be submitted to Hydrological Sciences Journal within the month of July.
- MOXXI is actively participating in the recently approved COST project: “HARMONIOUS – Harmonization of UAS techniques for agricultural and natural ecosystems monitoring”. The project is led by MOXXI’s friend Dr. Salvatore Manfreda. The project is expected to foster a wealth of initiatives on MOXXI topics in the following years.

2. MOXXI WORKSHOPS AND SESSIONS ORGANIZED IN THE PERIOD JULY, 2016 – JUNE, 2017

First MOXXI Topical Conference:

2016 "First Topical Conference of the Measurements & Observations in the XXI Century (MOXXI) working group of the International Association of Hydrological Sciences (IAHS)",

The first topical conference was hosted at ESA-ESRIN, Frascati, Rome Italy. It was a one day-long event with 10 invited oral presentations and 15 additional oral/flash presentations.

Sessions at EGU and AGU:

- 2016 American Geophysical Union (AGU) Fall Meeting, poster session "Water moving between people, policies, zip-ties, and duct tape: innovations and future directions at the interface of sociohydrology, and classical hydrology";
- 2017 European Geosciences Union (EGU) General Assembly, poster session "Self-made sensors and unintended use of measurement equipment";

International meetings and initiatives:

- 2016 Applied Course on unmanned aerial systems (UASs) for Environmental Monitoring, University of Basilicata;
- Digital Mapping & Active Citizenship, WARREDOC, March 15th, 2017, University of Foreigners, Perugia, Italy.

3. FORTHCOMING EVENTS

- 2017 IAHS Scientific Assembly: #7 Measurements in the 21st century: innovation in hydrological observations, Port Elizabeth, South Africa

We received about 20 contributions. Currently, the programme includes 13 oral presentations and 7 posters.

- 2017 Second MOXXI Topical Conference: the location and dates will be announced in Port Elizabeth.