



Water as hazard and water as heritage: Report of the European Geosciences Union Topical Event in Rome, 13.-14. June 2016

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"Water as hazard and water as heritage" was an international workshop funded by the European Geosciences Union and run in frame of the "Spazi aperti" international event of the Romanian Academy in Rome, along with other cultural events. The "Spazi aperti" (open spaces) event is an international exhibition inviting the scholars in arts and humanities at other foreign academies in Rome, an international city. The convener of the workshop, the first author, was Vasile Pârvan fellow at that time in Rome, on a topic about water, and volunteered to the "Spazi aperti" event, whose curator was Roxana Mihaly. Fellows from different academies contributed to the book.

Participation was multidisciplinary, from geosciences to archeology, art history, architecture and urban and landscape planning. Participation was also international, from Romania, Italy, the USA, the UK and Germany. In 2018 the report was published, with support of the Marie Curie Alumni Association, which also supports participation to present the book at the EGU GA in 2019. Marie Curie Alumni contributed to the book.

Working on the report has been supported by two short term scientific missions in frame of the COST action TD1406 ("Intelligent management of heritage buildings"), both under the mentorship of Alex Dill, co-editor of the book, a conference stay in Karlsruhe funded by the Marie Curie Alumni Association and a mobility project of the Romanian science authority (PN-III-P1-1.1-MC2017-1334), all leading to Karlsruhe, Germany.

The book has also been presented at the Romanian Architecture Biennale 2018, an event in frame of the European Year of Cultural Heritage of the European Commission. The book has also been announced on platforms such as the Hungarian Academy of Sciences and CORDIS of the European Union (https://cordis.europa.eu/news/rcn/129019_de.html). A contact has been established to present also on the EGU blog.

The book contains an overview of the event (both the Spazi aperti exhibition and the workshop, including its webpage) and the abstracts of the presentations, along with images and the CVs of the presenters. The presentations include: symbols of water in the work of Carlo Scarpa, water as hazard in case of earthquakes, postwar riverfront reconstruction, water in the arts, waterways across Europe, water and archaeology (architecture and archaeology, Roman baths, virtual museums), water sketching, waterscapes, precipitation estimation, water and natural risks in smart cities, pastoralism and water, new forms of water in landscape. The countries covered are in Europe and beyond (near East), including different countries in Europe than those of the authors (such as Denmark and the Balkans for example).

The contributions display the dual character of water, between hazard (geoscience) and heritage (arts), and thus link to previous contributions of the first author to the EGU, co(convener) since 2002 the session on natural hazards' impact on urban areas and infrastructure. This is the last of a series of publications related to EGU events presented here.

The book has been published open access by Karlsruhe Scientific Publishing and is accessible here: DOI: 10.5445/KSP/1000076621. A hard copy with full color images can be purchased. A book review is also in work.