Geophysical Research Abstracts Vol. 18, EGU2016-18276, 2016 EGU General Assembly 2016 © Author(s) 2016. CC Attribution 3.0 License.



## In every drop a job – On the nexus between Water, Economic Development and Jobs and key role of socio-hydrology for good policy making

Stefan Uhlenbrook, Rick Connor, and Engin Kogacul United Nations World Water Assessment Programme (WWAP), UNESCO, Perugia, Italy

This presentation is based on the main findings of the World Water Development Report (WWDR) 2016 entitled Water and Jobs. It clearly demonstrates the linkage between water, jobs and economic development and the important role socio-hydrology has to play to inform society and support good policy making.

Water is an essential component of national and local economies, and is needed to create and maintain jobs across all sectors of the economy. Half of the global workforce is employed in eight water and natural resource-dependent industries: agriculture, forestry, fisheries, energy, resource-intensive manufacturing, recycling, building and transport. Sustainable water management, water infrastructure and access to a safe, reliable and affordable supply of water and adequate sanitation services improve living standards, expand local economies, and lead to the creation of more decent jobs and greater social inclusion. Sustainable water management is also an essential driver of green growth and sustainable development. Conversely, neglecting water issues runs the risk of imposing serious negative impacts on economies, livelihoods and populations with potentially catastrophic and extremely costly results. Unsustainable management of water and other natural resources can cause severe damages to economies and to society, thus reversing many poverty reduction, job creation and hard-won development gains. Addressing the water-jobs nexus, notably through coordinated policies and investments, is therefore a prerequisite to sustainable development in both developed and developing countries and, consequently, addresses directly the Agenda 2030 for Sustainable Developments and the Sustainable Development Goals (SDGs).