



Press Release

n. 5/2012

20/06/2012

Reliable data against the global change: SHARE GeoNetwork, portal of high altitude climate, presented at Rio+20

RIO DE JANEIRO, Brasil -- A portal of climatic data gathered in high altitude environments: the real innovation of Rio+20 - the ongoing Conference on Sustainable Development held in Rio de Janeiro where delegates are debating about environment and pollution but seem to be focused on presumed conclusions - comes from Italy and EvK2Cnr Committee, in the field of sustainable development of mountain regions. The novelty presented by EvK2Cnr is SHARE GeoNetwork, an innovative system designed to become a reference point for the international scientific and governmental community in charge of implementing effective plans for environmental and climatic protection, both at local and global level.

SHARE GeoNetwork was presented at Rio+20 during the Side Event "Mountain knowledge solutions for sustainable green economy and improved water, food, energy, and environment nexus" organized by Icimod. The project was introduced by Maria Teresa Melis, researcher of Cagliari University and coordinator of this EvK2Cnr Committee' monitoring project, that could be defined as a multidisciplinary catalogue aimed at facilitating the access to metadata, spatial and geographic informations of high altitude environments.

The portal is proposed meeting the requests coming from intergovernative and international institutions to better environmental research in the high altitude environments, and the need to have definite and reliable data concerning climatic changes and their consequences on earth environment. This way, Share Geonetwork could support adaptation policies to climatic changes and facilitate collaborations based on the priorities described by UNEP and other international agencies.

"Nations must move together to answer appropriately to global warming problems and climatic changes, but these actions won't be effective without a careful assessment of the reasons that led to this situation and a definite analysis of environmental investments to put into practice" – EvK2Cnr Committee said introducing the SHARE GeoNetwork presentation at Rio+20.

The need of valid climatic and environmental data guaranteed by international checking methods and ready to be spread worldwide, is a priority for defining national and international adaptation and mitigation policies, as acknowledged by IPCC (Intergovernmental Panel on Climate Changes).

In this context, mountains and high altitude climatic stations play a very important role. That's why Share, the well-known monitoring project promoted by Evk2Cnr Committee and built on a worldwide network of climatic and environmental stations operating in collaboration with Unep, Wmo and Nasa, is considered an international reference point to collect high altitude data useful for global warming and pollution circulation studies, as well as for evaluating climate change consequences on glacial, water and biological systems.

Ufficio Stampa EvK2Cnr
Tel. 035/3230519 - Fax. 035/3230551
Email: francesca.steffanoni@evk2cnr.org
Websites: www.evk2cnr.org



Scientific research based on these data are essential to develop forecast models on which environmental policies are based.

SHARE GeoNetwork is finally a database for sharing standardized environmental data and outcomes of high altitude research with an unique access point. SHARE GeoNetwork is available on www.geonetwork.evk2cnr.org or through www.evk2cnr.org website.

“Scientific and governmental communities at Rio+20 conference welcomed the creation of an open system to consult climate and environmental metadata relating to sensitive areas like high mountain regions – Antonio Ciaschi, EvK2Cnr vice president said -. These data are actually sentinels of changes happening in the atmosphere and on the Earth. SHARE Geonetwork, an offshoot of Italian research and coordination, is going to be an important tool for international sustainable development policies, from now onwards”.

At Rio +20 conference, EvK2Cnr Committee earned another major award during the side event “Role of Mountain Ecosystem Services and Biodiversity in implementing green growth strategies and creating sustainable livelihoods” organized by ICIMOD, which was attended by Dr. Rajendra Kumar Pachauri, Chairman of IPCC that won the Nobel Peace prize in 2007, and other leading representatives of international science and diplomacy communities.

The research developed within the SHARE project by Eng. Stefania Proietti, from the University of Perugia, is about eco-friendly housing solutions powered by renewable energy, designed aiming at the sustainable development of the Sagarmatha National Park in Nepal. The Mountain Partnership evaluated this project as “an excellent example of sustainable development and green economy that considers social issues: beyond reducing environmental impact, it allows an improvement of welfare conditions of the local population. “The applied research focused in the Sagarmatha national park could become a pilot project for sustainable development at high altitude, especially in the precious Himalayan ecosystem that provides water supply to 2.5 billion people”..

For more information please visit the web session EvK2Cnr @Rio+20 at www.evk2cnr.org

Francesca Steffanoni - Communications & External Relations Manager

Comitato EvK2Cnr - High Altitude Scientific and Technological Research

Via San Bernardino 145 - 24126 Bergamo

email: francesca.steffanoni@evk2cnr.org

Tel. dir . + 39 035 32.30.519 Cell. + 39 335 7320069

Fax. + 39 035 32.30.551

Skype francyste73

Ufficio Stampa EvK2Cnr
Tel. 035/3230519 - Fax. 035/3230551
Email: francesca.steffanoni@evk2cnr.org
Websites: www.evk2cnr.org