

# HARNESSING FUTURE SUB-SEA COMMUNICATIONS CABLES FOR OCEAN OBSERVATION AND DISASTER WARNING



## WORKSHOP ON "GREEN CABLE SYSTEMS: NEW DEVELOPMENTS AND DEMONSTRATOR PROJECT"

**16-17 OCTOBER 2014, SINGAPORE**

THE WORKSHOP WILL FOCUS ON THE STRATEGIC STEPS FOR THE DEVELOPMENT AND DEPLOYMENT OF A PILOT PROJECT FIT FOR CLIMATE MONITORING AND DISASTER WARNING IN THE HIGH SEAS.

**VENUE:**

CENTRE FOR CLIMATE RESEARCH SINGAPORE (CCRS),  
36 KIM CHUAN ROAD  
SINGAPORE 537054

ORGANIZED BY: ITU, UNESCO-IOC, WMO  
HOSTED BY: METEOROLOGICAL SERVICE SINGAPORE

PARTICIPATION IS OPEN AND FREE OF CHARGE  
DISCUSSION WILL BE HELD IN ENGLISH



The workshop on **“Green cable systems: new developments and demonstrator project”** will bring together leading specialists in the field, from scientists to engineers, cable owners and operators, legal experts, government officials, regulators, standards experts and others to raise awareness on the opportunities of equipping submarine telecommunications cables with climate and hazard monitoring sensors to create a global real-time ocean observation network.

### **Programme overview:**

- **Industry perspective**
- **Science, engineering and societal benefits**
- **Data, ownership and legal issues**
- **Funding and business plan**
- **Wet demonstrator project**

### **About the ITU/UNESCO-IOC/WMO Joint Task Force on Green Cables:**

The JTF was established in 2012 and is composed of more than ninety experts from the science, engineering, business and law communities. Through its five committees and meetings, the JTF is leading studies to facilitate the deployment of dual-purpose submarine telecommunication cables in high seas, exploring the scientific and societal needs, new engineering technology requirements for sensor standards and testing protocols, as well as the business opportunities, and legal implications to promote the development of a submarine telecommunication cable project fit for climate monitoring and disaster warning.

### **GET INVOLVED!**

**Interested experts can request to become members of the JTF,  
by contacting Erica Campilongo and Hiroshi Ota at:  
[greenstandard@itu.int](mailto:greenstandard@itu.int).**