1st ESA Training on Multi-sensor Synergy

17 November 2015 - IOPAN - Sopot, Poland

TARGET GROUP:
Post graduate, PhD students, post doctoral research scientists from European countries and Canada. Research scientists and students from all other countries are also welcome to apply up to the space availability limits.

FEES:
No participation fees will be charged for the training. Participants are expected to finance their own travel and accommodation expenses. All materials will be provided, however participants need to bring their own laptops. The official language of the course is English.

DEADLINES:

Website Opening	:	**October 2015**
Application Submission (closing)	:	**October 30, 2015**
Notification of Acceptance	:	**November 5, 2015**

CONTACT POINT:
training-course.sopot-2015@oceandatalab.com
course website: *http://ovl-project.oceandatalab.com/training-course_sopot_2015*
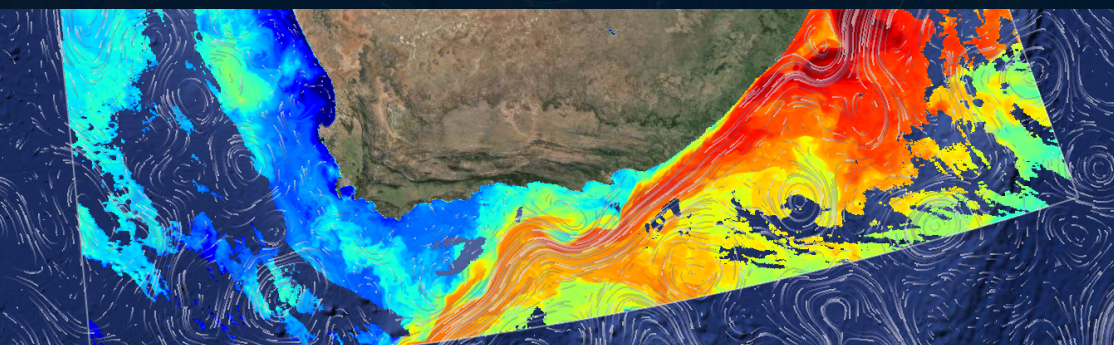
Sea Surface Temperature MODIS denoised data (NASA, OceanDataLab)
Geostrophic surface current streamlines (ESA DUE Globcurrent)

ORGANIZING COMMITTEE:

Fabrice Collard (ODL)	Mirosław Darecki (IOPAN)	Craig Donlon (ESA)
Cécile Salaun (ODL)	Marta Konik (IOPAN)	

CO-SPONSORS :
European Space Agency (ESA)
Institute of Oceanology Polish Academy of Sciences (IOPAN)

BACKGROUND:
The European Space Agency (ESA) is organising Multi-Sensor Synergy Training, focused on introducing new, efficient ways of satellite data processing and exploitation. Participants will receive strong background in remote sensing, learn how to obtain and work with data from the state-of-art operational space missions.

OBJECTIVE:
Discover and analyse, via the OVL platform *(http://bit.ly/1Rs23Gz)*, the synergy between various Ocean remote sensing datasets in the context of model output (both oceanic and atmospheric) and *in-situ* data.

LECTURERS:
The team of lecturers will be composed of Principal Investigators and Professors from leading universities and research institutions.

PRELIMINARY PROGRAM:

morning
9:00 - 10:30 : introduction to the different ocean remote sensing instruments (1h30)
30 min break
11:00-12:30 : demonstration of the OVL data discovery and visualisation tool (1h30)

afternoon
14:00 - 15:30 : upper ocean dynamics : from 2D observations to 3D dynamics (1h30)
30 min break
16:00-17:30 : training on the analysis of the synergy between microwave, optical and IR satellite observations (1h30)

The final program will be available on the course website

PREREQUISITE:
- Basic knowledge in remote sensing and image processing
- The basics of Python scripting

APPLICATION:
The number of participants is limited to a maximum of 30 students and subject to selection of application. Students wishing to participate can apply on the course website:
http://ovl-project.oceandatalab.com/training-course_sopot_2015
Notification of acceptance will be sent via e-mail by **October 2015.**

VENUE:
Powstańców Warszawy 55,
81-712 Sopot, Poland, P.O. Box 148

Phone: (+48 58) 551 72 81, (+48 58) 73 11 600
Fax: (+48 58) 551 21 30
E-mail: office@iopan.gda.pl

Powstańców Warszawy 55,
81-712 Sopot, Poland

Bohaterów Monte Casino

Train Station (PKP)

Landsat, USGS

Ocean Virtual Lab

esa

seom
scientific exploitation of operational missions

oceandatalab

IO PAN