



# ECOPOTENTIAL VLAB Webinar

## Presentation

### Objectives of the Webinar

The ECOPOTENTIAL Virtual Laboratory (VLAB) is a virtual environment supporting the activities of the ecosystem community-of-practice. The VLAB provides discovery and access of relevant EO and in-situ data and products, and the possibility to run models for the generation of Essential Variables and indicators.

On October 2017, the second release of the ECOPOTENTIAL Virtual Laboratory (VLAB) has been presented at the GEO XIV Week in Washington. In that occasion, the first examples of models running on the VLAB have been demonstrated during side-events and exhibition.

On the path towards the third release of the ECOPOTENTIAL VLAB, an activity to port existing ecosystem models on the VLAB has started.

The webinar aims at training model developers to make their models runnable through the ECOPOTENTIAL VLAB.

The webinar is structured in two sessions held in different days. The first day is dedicated to the presentation of the VLAB, and to the training on how to port models on the VLAB. After the first session, the attendees are expected to try porting their models following the instructions documentation and with dedicated support. They are expected reporting feedback, experience and issues on the second day.

The webinar can be attended through the ECOPOTENTIAL GoToMeeting conference system, following the link below

Session 1 <https://global.gotomeeting.com/join/749163013>

Session 2 <https://global.gotomeeting.com/join/940216157>

### Intended Audience

The webinar is targeted to the developers of EO-based Ecosystem Models (ECOPOTENTIAL WP6). Developers of algorithms for Earth Observation Data Generation and Harmonization (ECOPOTENTIAL WP4) can be interested in participating.

### Requirements

Basic knowledge of Git and Docker technologies



## Agenda

First day - (25th January 10.00 - 12.00 CET)

	Who	Time
1. Welcome and introduction of participants	Organizers	5'
2. General introduction (how the webinar is organized)	Yaniss Guigoz	5'
3. Example of VLAB model porting <ul style="list-style-type: none"> <li>a. The EODESM experience</li> <li>b. The EODESM demo</li> </ul>	Richard Lucas Mattia Santoro	10' 10'
4. The ECOPOTENTIAL Virtual Laboratory	Mattia Santoro	10'
5. The modeling activities in ECOPOTENTIAL	Ioannis Manakos	10'
6. How to port a model on the VLAB <ul style="list-style-type: none"> <li>a. Documentation available</li> <li>b. Requirements</li> <li>c. Example of porting with simple code</li> </ul>	Yaniss Guigoz Mattia Santoro Mattia Santoro	60' 10' 10' 40'
Q&A	All	10'



## Second day - (2nd February - 10.00 - 12.00 CET)

	Who	Time
1. Welcome and programme introduction	Yaniss Guigoz/Paolo Mazzetti	5'
2. Modelers feedback:		60'
A) EPFL	Jonathan Giezendanner	15'
B) MOHID	Lucian Simionesei	15'
C) INSTAR	Maria Suarez	15'
D) Deltares	Alex Ziemba	15'
Feedback summary, VLAB improvements, Q&A	All	55'

GoTo Meeting

<https://global.gotomeeting.com/join/940216157>