



Sentinel 3 GPP - Scientific Roadmap workshop

Global Primary Production development with Sentinel-3 - way forward

15th of May 2019, Living Planet Symposium, Milan, Italy



INVITATION

Dear Madam/Sir,

Gross primary production (GPP) is the basis for life on Earth. Since the launch of the first vegetation monitoring satellites in the 80's, scientists have been working on ways to estimate terrestrial GPP at global scale. The launch of the first Sentinel 3 in 2016 provided a new opportunity for global GPP modelling. To extract its full potential, ESA initiated a SEOM (Scientific Exploitation of Operational Missions) project "**Terra-P**". Within this project, a consortium of ecophysiology modelling experts (ICL), in-situ data specialists (UA) and Earth Observation (EO) developers (VITO) have been working on the implementation of an existing GPP model on EO data, including fAPAR & Land Surface Temperature. In the final stage of **Terra-P**, **a scientific roadmap for S3 based global GPP modelling** will be elaborated. To share results and experiences, discuss the key scientific challenges and uptake of S3 GPP/ABP products in an operational service, a dedicated workshop will be organized at ESA's 2019 Living Planet Symposium.

On behalf of the "**Terra-P**" consortium, we are delighted to invite you to participate in this workshop - and to collaborate on the S3 GPP scientific roadmap - that will take place on **Wednesday 15th of May 2019 (12.00h-14.00h) at the Agora Giardino** at the Living Planet Symposium (MiCo - Milano Congressi, Milan, Italy).

In this workshop, we want to bring an interdisciplinary group of ecophysicologists, GPP modelling experts, EO scientists and GPP data users together to exchange views, identify challenges and opportunities and prioritize future research for global EO based GPP estimates.

We would appreciate if you could confirm your participation before Friday 03 May 2019 by returning the enclosed registration form. A detailed agenda will be published in the coming weeks. You can also contact us if you want to learn more before registration.

Looking forward to meeting you on the 15th of May 2019.

Kind regards,
ESA & the Terra-P team



European Space Agency

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REGISTRATION FORM

Please return by e-mail
to VITO Remote Sensing (remotesensing@vito.be) before 03 May 2019

NAME:

COMPANY:

ADDRESS:

COUNTRY:

TEL:

E-MAIL:

Will you be attending the Workshop on 15th of May 2019?

Yes*

No

No, but I would like to receive further information about the project or future events

*Participation to the workshop requires a registration to the Living Planet Symposium (50 EUR registration fee).



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