



Date: 14 February 2022

To: EUROPEAN SPACE AGENCY (ESA),
The European Space Research Institute (ESRIN),
Largo Galileo Galilei 1,
00044 Frascati (RM),
Italy,

Attn: Ms Dóra Tamás (CIP-POE)
Subject: Collaboration letter for EO AFRICA – EXPLORERS.

Dear Sir/Madam,

With reference to the Invitation to Tender (“ITT”) reference **ESA AO/1-11038/21/I-DT**, we are pleased to express our interest in participating as **African Earth Observation research** group to the proposal no. **1000033021-8000044921-1**, with the aim of developing an ECOSTRES+PRISMA solution for **irrigation water use optimization and accounting and crop yield estimation**.

To that purpose, we will gladly collaborate with the consortium in the scientific development of the products and solutions, by evaluating the developed prototype in a regional and educational context, and by participating in online meetings and attending the face-to-face Progress Meetings that will be held following this calendar:

Name	Date	Purpose	Participants	Location
KO	Kick-Off	Kick-off Meeting	AECSIC, DHI, UoL, UP, MoABF, DWA, ESA	ESRIN (IT)
M2	KO+18	Acceptance of Task A	AECSIC, DHI, UoL, UP, MoABF, DWA, ESA	ESRIN (IT)
M3	KO+23	Acceptance of Task B	AECSIC, DHI, UoL, UP, MoABF, DWA, ESA	Gaborone (BW)
M4	KO+24	Final Presentation	AECSIC, DHI, UoL, UP, MoABF, DWA, ESA	ESRIN (IT)

The Spanish Research Council (AECSIC) will cover the travel and subsistence expenses for one person (Prof Abel Ramoelo: Director – Centre for Environmental Studies) from your institution to attend to these four face-to-face meetings.

In addition, we will help the consortium in searching and gathering crop yield and irrigation data in the areas of interest of the project, which will serve as validation and quality assessment for

the developed algorithm and software prototype. Furthermore, we will apply our knowledge on the African reality to the qualitative and quantitative analysis of the developed solutions.

Finally, we will participate in webinars, by encouraging and inviting researchers, technicians and stakeholders involved in water management.

Done and signed for and on behalf of University of Pretoria:

Signature:

Name and title of the signatory: Prof Serena Coetzee: Head – Department of Geography, Geoinformatics and Meteorology