

Soil and rhizosphere interactions for sustainable agri-ecosystems (GFS-SARISA)

This is a BBSRC-NERC joint call



Call status: Closed

Full proposal deadline: 12 November 2013, 4pm

Full applications will only be accepted from applicants who have already submitted an intention to submit form by 4 September 2013.

This is a joint call for proposals, developed through the Global Food Security (GFS) programme and with relevance to the aims of the Living With Environmental Change (LWEC) partnership. It is funded by BBSRC and NERC and **administered by BBSRC** on behalf of both funders.

Summary

This call responds to a recognised need for an improved understanding of agricultural soil and rhizosphere interactions to underpin the development of agricultural ecosystems ('agri-ecosystems') approaches, which are needed to further our knowledge of the inter-relationships between the different components of agricultural landscapes.

GFS-SARISA aims to foster integrated, multidisciplinary approaches for investigating how agri-ecosystems respond to changes in management and/or environment. This is required to establish the potential for agricultural innovations to contribute towards future strategies for improving the sustainability and productivity of agriculture, and to increase resilience to environmental change.

The call forms part of a wider collaborative soil security initiative, developed under the umbrella of GFS and funded by BBSRC, NERC and Defra.

Up to £4.5M is available (£4M BBSRC, £0.5M NERC) to support a small number of multidisciplinary partnerships, involving a range of bioscience and environmental science expertise for up to five years.

Scope

Proposals must be multidisciplinary, and should seek to tackle aspects of the key research drivers and opportunities described in the call text (see below).

We particularly encourage proposals that link the development of specific agricultural innovations with agri-ecosystems approaches to analyse the potential benefits.

We also encourage proposals that draw on the combined expertise of bioscientists and environmental scientists, and those that link scales of research (laboratory/field/landscape).

How to apply

This call is for applications for high-quality, multidisciplinary research proposals.

There is a 2-stage application process:

- The first stage is through the submission of an 'Intention to submit' form. **This stage is now closed to applications.**

- Full applications must be submitted using the Joint Electronic Submission (Je-S) system by 12 November 2013, 4pm. Full applications will only be accepted from applicants who have submitted an intention to submit form. **This stage is now closed to applications.**

Potential applicants should note that eligible individuals or institutions must be registered on the Je-S system.

Contact

Scientific and eligibility enquiries
SARISA@bbsrc.ac.uk

Je-S system queries
JeSHelp@rcuk.ac.uk