

Job description

GLOBAL PHOSPHORUS INSTITUTE (GPI)

Position Announcement: Scientist

The Global Phosphorus Institute (GPI; <https://www.tgpi.org/en/home>) is seeking a well-qualified and motivated **Scientist** to provide scientific support in agronomic, environmental, and other technical fields associated with the responsible management of phosphorus, its sustainable use and accessibility.

The ideal candidate will work independently and collaboratively with internal teams and external partners to identify important issues associated with the sustainable management of phosphorus in agricultural, industrial, and other non-agricultural uses, show leadership with those issues, define critical research gaps associated with them, and be able to design and oversee studies that add to the current knowledge on sustainable use of phosphorus.

Terms of Reference

The **Scientist** is based at the GPI headquarters in Benguéir, Morocco, working under the direction of a Senior Scientist, and reporting to the Executive Director. The ideal candidate will:

- 1) Demonstrate the highest standards of integrity, ethics, and diplomacy in the conduct of business for the GPI;
- 2) Be a communications and ideas facilitator on sustainability issues associated with phosphorus among leading scientists, academia, the fertilizer industry, agribusiness, industrial users, educators, environmental groups, sustainability organizations, governments, NGOs, and start-ups;
- 3) Coordinate with the Institute's management team to contribute to specific issues associated with sustainable phosphorus use and management. These include, but are not limited to, the following:
 - Reserves and resources of rock phosphate, geology and mineralogy;
 - Phosphorus technologies for agricultural, industrial and food uses;
 - Material flow, value and supply chains at various spatio-temporal scales;
 - Phosphorus biogeochemical transformations in soil-microbial-plant-animal-human systems linked to the hydrosphere and atmosphere;
 - Protection and rehabilitation of phosphorus-impacted environments;
 - Phosphorus in health and human nutrition;
 - Economic, social, and policy analyses based on Sustainable Development Goals.
- 4) Represent GPI at partner and stakeholder meetings related to phosphorus. These may include, but are not limited to, the following: Sustainable Phosphorus Alliance, Phosphorus Futures, European Sustainable Phosphorus Platform, SERA-17 – Organization to Minimize Phosphorus Losses from Agriculture, Scientific Committee on Problems of the Environment, United Nations Environmental Program – Global Partnership on Nutrient Management;
- 5) Support GPI's communications activities, including website support, social media, preparation of informational items (technical reports, brochures, white papers, software, etc.), annual reports and

other writing assignments such as preparing or overseeing scientific reviews on specific subjects that support GPI's mission;

6) Support GPI research activities through overseeing and/or collaborating with researchers and their institutions.

7) Represent GPI at scientific or other meetings, including speaking assignments and fulfill other duties as assigned by GPI's Executive Director, and support GPI's Executive Director as required;

8) Actively engage in appropriate national and international professional and scientific societies to represent the Institute.

Qualification and Experience

- A Ph.D. degree in a relevant science field such as agricultural sciences, environmental science, geosciences or similar from an accredited university. Knowledge of sustainable phosphorus issues.
- At least 1 year experience as a scientist, postdoctoral fellow or equivalent position, with demonstrated ability to set priorities and complete work tasks on time. We seek a self-starter who can initiate and manage projects with minimal supervision.
- Work collaboratively with diverse groups of stakeholders. and collaborators; and be comfortable initiating new contacts and networking.
- Proven ability to critically review scientific literature, collect and analyze data using graphical, modeling and statistical software packages.
- Experience in producing original, professional publications (e.g., refereed journal and conference papers, technical reports, white papers) for international audiences. Prior experience in presenting scientific results at meetings, workshops and conferences.
- Willingness and ability to travel internationally, including to developing countries (up to 15%).
- Excellent English written and oral communication skills, especially to discuss scientific issues related to phosphorus.

The announcement is for a full-time and permanent position, subject to completing a satisfactory probation period and performance. A competitive salary and employee benefits package will be provided. Qualified female candidates are especially encouraged to apply.

Qualified candidates should send all application materials in English, including a detailed CV, an application letter, and the email addresses of three professional references to communication@tgpi.org with copy to Houria Khodji (Houria.khodji@tgpi.org), with **Scientist position** mentioned in the subject line.

The deadline for applications is May 20, 2024.

Only pre-selected candidates for the interview will be contacted.