

Deadline: until filled



APPLY 41-2024

# GAMS Modeler

## INTEGRATED BIOSPHERE FUTURES (IBF) RESEARCH GROUP

Contribute to meaningful research that drives global change! The **Integrated Biosphere Futures (IBF) Research Group**, part of the **IIASA Biodiversity and Natural Resources (BNR) Program** is seeking a **GAMS Modeler** to join their dynamic and diverse team. This role offers the chance to work on the development and enhancement of the IBF modeling system, a tool integral to addressing global challenges in agriculture, forestry, bioenergy, fisheries, and more.

### BACKGROUND

The IBF research group focuses on innovative approaches to sustainable land use and ecosystem modeling. From addressing climate change to promoting biodiversity, our work influences policy and supports global solutions.

The team comprises leading experts and researchers, consistently producing work published in top-tier scientific journals. We prioritize collaboration, applied approaches, and cutting-edge research to make a tangible impact.

### YOUR MAIN RESPONSIBILITIES

- Maintain and update the IBF modeling system, taking full advantage of the GAMS software language.
- Improve model efficiency and structure.
- Lead code documentation and establish coding best practices.
- Provide technical support and training to colleagues and the GLOBIOM modeling community.
- Support integration of models by adapting code and developing interfaces.

### WHAT WE'RE LOOKING FOR

- Min. Master's degree (or equivalent) in a relevant subject plus expertise in GAMS software (experience with R or Python is a plus).
- Knowledge of large-scale applied economic models is an advantage.
- Strong problem-solving skills and a commitment to

### WE OFFER

- An international atmosphere and pleasant working environment in a historic market town surrounded by green areas.
- The possibility to contribute to environmental sciences for sustainability and global wellbeing.
- The opportunity to deepen and improve knowledge

quality work.

- The ability to work independently and meet deadlines.
- Fluency in English, both written and spoken.
- IIASA offers an interdisciplinary and international workplace, and the possibility to interact with researchers of different nationalities, with strong ties to a world-wide network of research institutions engaged in environmental systems research. The successful candidate must be able to work in, and have respect for, an intercultural environment, and [IIASA core values](#).

## APPOINTMENT TERMS

The selected candidate should be available to take up the position as soon as possible in 2025 (start date negotiable). We offer an initial fixed-term, two-year, full-time (40 hours per week) employment contract, with the possibility of extension thereafter. Eligible applicants wishing to work part-time hours may be considered.

Duties will be carried out at the IIASA premises in Laxenburg, near Vienna in Austria.

The successful candidate will be appointed in accordance with either the IIASA profiles [research careers](#).

and scientific profile.

- The chance to collaborate with top researchers and grow in a supportive, international environment.
- **An attractive salary which is exempt from income tax in Austria and negotiable, based on the qualifications, skills and experience of the selected individual and *at least*:**  
EUR 53,451.00 gross per annum.

## IIASA SALARIES ARE

- Subject to deductions for health insurance and/or social security.
- Not directly comparable with other employers in Austria, due to the unique legal status and privileges granted to IIASA.
- Subject to the principle of income aggregation (Progressionsvorbehalt in German).

## OTHER BENEFITS

- Educational subsidies for children of school age enrolled in private schools in Austria.
- A generous five weeks of annual leave.
- Relocation allowances and paid home leave.
- The possibility to work up to 100 days per year in home office (within Austria).
- Assistance for newcomers to Austria with visa, work and residency permit applications.
- Support finding accommodation in Austria.

Further details [here](#).

## About IIASA

IIASA is committed to a working environment that promotes equality, diversity, tolerance and inclusion within its workforce. This is reflected in our [IIASA core values](#) and the [IIASA Gender Equality Plan \(GEP\)](#). We encourage qualified candidates from all religious, ethnic, and social backgrounds to apply. In the case that candidates are equally qualified, preference will be given to applicants from countries where IIASA has a [Member Organization](#).

## Further Information

For further information about this opportunity please contact [Michael Le Gohebel](#), BNR/IBF Program and Project Officer or [Petr Havlik](#), BNR Program Director/IBF Research Group Leader.

For general information about working at IIASA, contact: [recruitment@iiasa.ac.at](mailto:recruitment@iiasa.ac.at)

## Applications

We invite you to submit your application, including a cover letter, CV, and contact details of three reference givers by clicking on the apply button below.

Deadline for receipt of applications: until filled

[APPLY](#)