

AI Support Officer

We are looking for an Artificial Intelligence (AI) Support Officer to support the Working Group II of the Intergovernmental Panel on Climate Change (IPCC) and its Technical Support Unit (TSU). Can you navigate effortlessly through a sea of data and literature using AI-based text mining and processing techniques? Do you know how to develop, test, and validate custom machine learning algorithms? With your talent you can support our IPCC authors and TSU group. Helping them complete products and services that are used worldwide as a basis for climate policy and scientific research.

This is what you can expect as an AI Support Officer

The AI Support Officer provides support in applying Artificial Intelligence to compile and review the Working Group II (WGII) products. The application of AI is intended to enrich these report preparation processes in various ways:

- the automation of searching for relevant publications (including both peer-reviewed scientific papers and non-peer reviewed sources such as technical reports) and its classification;
- processing review comments, clustering research articles, producing topographic maps and interactive study databases;
- performing consistency checks of key results, and any AI-driven support that might arise in the course the reports' preparation.

You provide AI support by selecting and testing relevant AI algorithms and packages. You prototype their application, and guide authors in their use. You are responsible for the procurement, configuration, maintenance, back-up, security and modernization of the AI packages managed by our TSU. You design, test, and validate custom machine learning algorithms for the IPCC drafting process, using techniques from current scientific literature. This work seeks to fulfill the IPCC's specific requirements and uses established practices and research in the field. AI support may also be arranged in the TSUs of the other IPCC Working Groups, and you will maintain close working relationships with these colleagues.

You also assist the IT officer based in Singapore with procedural and infrastructure activities. Such as supporting the preparation, review and completion of the reports, in particular by liaising with the ICT unit at Deltares and assisting TSU staff in the Delft location.

Requirements:

Either:

- a degree in computer sciences & internet technology (or related), with demonstrated skills in the deployment of AI in the academic environment including text mining and analysis, or a degree in literature analysis or comparative literature (or related), with demonstrated skills in applying AI technology;
- Operational experience with Artificial Intelligence end to end systems, in particular text processing, data mining and natural language processing.
- Proven skills in replicating and adapting open-source relevant applications and packages available on developer platforms such as GitHub or GitLab;
- Understanding of IT Infrastructure Knowledge: System knowledge of Windows, Macintosh, Linux, networks, database software, backup systems and related software such as Python; Understanding of fundamental IT infrastructure components, including servers, networking, and storage systems; Experience with troubleshooting hardware and software issues; Knowledge of incident management, problem management, and service request management.
- Excellent oral and written English at the technical level and a high degree of stress-resistance and capacity to work to deadlines is an asset.

About the IPCC Working Group II

The Intergovernmental Panel on Climate Change (IPCC) recently initiated its Seventh Assessment cycle. The Working Group II Technical Support Unit (TSU), which provides the scientific, technical and organisational support of the activities and products of the Working Group focusing on the Impacts, Adaptation and Vulnerability of Climate Change, is co-located at Deltares in the Netherlands and at the Singapore Management University in Singapore. Due to the international character of the vacancy, willingness to travel internationally to provide IT infrastructure support at international meetings is a must. Basic understanding of purpose and functioning of IPCC (or similar organizations) is an asset.

What we offer

This is a fulltime fixed term contract at Deltares for the duration of at least 3 years. Parttime contract is negotiable, subject to flexibility and minimum level of commitment. The position is funded by the Dutch government and employment conditions (e.g., remuneration scales, insurance and other benefits) is through the Deltares such as:

- The opportunity to work with a motivated and enthusiastic team in an informal work environment with global exposure;
- Salary scale is based on your experience, with a minimum of €3,864 and a maximum of €5,872 gross per month based on a 40-hour working week.
- An open, inclusive and collaborative culture;
- 34 days of vacation per year, vitality budget and a mobility budget.
- [Here](#) you can find more information about our attractive terms of employment.

Procedure

Apply with your CV and motivation letter before October 6. Applications without motivation letter will not be reviewed. Interviews will start during the week of October 13. Selection may include multiple interviews and evaluation of assignments representative for the support work carried out in the TSU. Starting date: as soon as possible. The position is based in the Netherlands. Working remotely from another country is not possible. Questions? Please call Brian de Bruin (HR Recruitment Officer; sollicitatie@deltares.nl; +31615267686). This vacancy is located in Delft (the Netherlands).