



Vipavska cesta 13, 5000 Nova Gorica

**The University of Nova Gorica is offering the position of  
ASSISTANT / JUNIOR RESEARCHER (m/f)  
in the area of aerosol research and climate change**

**We invite candidates who are interested in working as an assistant/junior researcher (doctoral candidate) to apply for this position at the student-friendly and research-oriented [University of Nova Gorica](#). The work will be conducted at the [Centre for Atmospheric Research](#) (CRA), in a dynamic and interdisciplinary research environment supported by state-of-the-art equipment, and will include direct involvement in the international research arena.**

The University of Nova Gorica's Centre for Atmospheric Research uses physical methods to study the role of aerosols in climate change and air pollution at the global, regional and local levels, using both remote and in-situ measurements. A significant part of our work includes airborne measurements using (ultra)light aircraft and identification of air pollution sources. Our most important research area is measurement of optical absorption of aerosols.

The impact of absorbing aerosols on the climate is associated with major uncertainties, which can be reduced only through measurement. We have conducted six global measurement campaigns and are planning a further three, during which we measured aerosol absorption and (in some campaigns) light particle size distribution and scattering. The selected candidate will quantify the contributions to atmospheric heating rates of various sources of air pollution in fine and coarse particle fractions. They will process the data from previous campaigns and model, plan and conduct new laboratory measurements and campaigns (Cape Verde Islands, the Himalaya, pole-to-pole flight).

The work will include research visits to foreign institutions (Paul Scherrer Institute, Switzerland; Tropos, Germany; University of Milano-Bicocca, Italy).

More information on flights: <http://www.worldgreenflight.com/>

For information regarding the research area, please contact: [grisa.mocnik@ung.si](mailto:grisa.mocnik@ung.si).

We are looking for physicists or candidates from other natural sciences. Candidates must have experience in conducting experiments and processing experimental data. Candidates with experience in experiments in the research area are preferred.

Candidates for this position **must** meet the conditions for junior researcher pursuant to Article 113 of the [Rules on \(Co\)Financing and Assessment Procedures and Monitoring the Conducting of Research](#).

**The following must be attached to the application:**

- brief motivational letter
- CV
- a copy of your degree certificate or other relevant documents
- letter of recommendation

Please send your application, along with proof that you meet the requirements, via e-mail to [tea.stibilj.nemec@ung.si](mailto:tea.stibilj.nemec@ung.si) by 9 December 2020. The application should be sent as a single pdf e-mail attachment.

If you have any questions relating to the application procedure, please contact: Tea Stibilj Nemec, tel. +386 5 6205 822, e-mail [tea.stibilj.nemec@ung.si](mailto:tea.stibilj.nemec@ung.si).