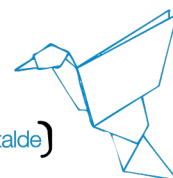


## Postdoctoral Fellowship in Climate Change Data Science

Job Offer	
Topics:	<p>In the framework of the IKUR Strategy. The “Applied Statistics” research line at the BCAM looks for candidates to work on Climate Change Data Science related projects including spatial downscaling, uncertainty quantification in climate data, climate projections and ensembles.</p> <p>The research will be carried out in collaboration with BC3 (<a href="#">Basque Center for Climate Change</a>) and other institutions in the Basque Country.</p>
PI in charge:	Dae-Jin Lee
Salary and conditions:	<p><b>The gross annual salary of the Fellowship will be 28.000 - 32.000€.</b></p> <p>It will then be on your own responsibility to make your yearly income declaration at the Bizkaia Treasury Agency.</p> <p>There is a moving allowance for those researchers that come from a research institution outside the Basque Country up to EUR 2.000 gross.</p> <p><i>Free access to the Public Health System in Spain is provided to all employees.</i></p>
Contract and offer:	12 months contract, with a possibility of renewal for 12 additional months based on performance and available funds. (12+12)
Deadline:	<p><del>January 21st 2022 at 14:00 CET (UTC+1)</del>  <b>February 4th 2022 at 14:00 CET (UTC+1)</b></p>
How to apply:	Applications must be submitted on-line at: <a href="http://www.bcamath.org/en/research/job">http://www.bcamath.org/en/research/job</a>

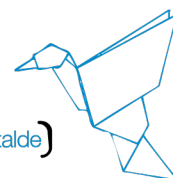
Scientific Profile Requested	
Requirements:	<ul style="list-style-type: none"> <li>Promising young researchers.</li> <li>Applicants must have their PhD completed before the contract starts. PhD degree preferable in</li> </ul>



	<p>Mathematics, Statistics, Physics, Computer Science, Environmental Sciences or related fields.</p>
<p>Skills and track-record:</p>	<ul style="list-style-type: none"> <li>• Good interpersonal skills.</li> <li>• A proven track record in quality research, as evidenced by research publications in top scientific journals and conferences.</li> <li>• Demonstrated ability to work independently and as part of a collaborative research team.</li> <li>• Ability to present and publish research outcomes in spoken (talks) and written (papers) form.</li> <li>• Ability to effectively communicate and present research ideas to researchers and stakeholders with different backgrounds.</li> <li>• Fluency in spoken and written English.</li> </ul>
<p>Scientific Profile:</p>	<p>The preferred candidate will have:</p> <ul style="list-style-type: none"> <li>• Strong background in mathematics/ probability/statistics and physics.</li> <li>• Background in spatial modelling, spatio-temporal data modelling, spatial downscaling, environmental and climate data modelling, Uncertainty Quantification, Machine Learning (including Gaussian Processes, Neural Networks), Deep Learning architectures, Bayesian computing.</li> <li>• Good programming skills in R, Python, Spark, and/or C/C++.</li> <li>• Knowledge in High Performance Computing (HPC) systems, GIS tools.</li> <li>• Interest and disposition to work in interdisciplinary groups.</li> </ul>

### Application and Selection Process

<p>Formal Requirements:</p>	<p>The selected candidate must have applied before the application deadline online at the webpage <a href="http://www.bcamath.org/en/research/job">http://www.bcamath.org/en/research/job</a></p> <p>The candidates that do not fulfil the mandatory requirements will not be evaluated with respect to their scientific profile.</p>
<p>Application:</p>	<p>Required documents:</p> <ul style="list-style-type: none"> <li>▪ CV.</li> <li>▪ Letter of interest.</li> </ul>



	<ul style="list-style-type: none"> <li>▪ 2 recommendation letters (compulsory).</li> <li>▪ Statement of past and proposed future research (2-3 pages)</li> </ul>
<p><b>Evaluation:</b></p>	<p>Based on the provided application documents of each candidate, the evaluation committee will evaluate qualitatively: the adaption of the previous training and career to the profile offered, the recommendation letters, the main results achieved (papers, proceedings, etc.), the statement of past and proposed future research and other merits; taking in account the alignment of these items to the topic offered.</p>
<p><b>Incorporation:</b></p>	<p><b>Beginning of 2022 or as soon as possible thereafter.</b></p> <p><i>The BCAM postdoctoral contract will start when the selected candidate has finished the PhD, i.e. after dissertation defence.</i></p>

