

**Stellenausschreibung für die Stellenbörse der DGEpi/  
Job offer for the job portal of the DGEpi**

<b>Position</b>	<b>Expert in Mathematical Modelling</b>
<b>Arbeitgeber/ Employer</b>	<b>European Centre for Disease Prevention and Control (ECDC)</b>
<b>Arbeitsort/ Location</b>	<b>Stockholm, Sweden</b>
<b>Gehalt bzw. Gehaltsstufe/ Salary scale</b>	<b>Temporary Agent, AD5</b>
<b>Arbeitszeit/ Hours</b>	<b>Normal working hours</b>
<b>Vertragsdauer/ Contract type</b>	<b>5 years</b>
<b>Bewerbungsfrist/ Application deadline</b>	<b>17 April 2023 at 11:59:59 (midday) Stockholm time. No applications will be accepted after the specified closing date and time. Applications by e-mail, mail, or any other means will not be accepted.</b>
<b>Kontaktperson/ Contact person</b>	<b><a href="mailto:Recruitment@ecdc.europa.eu">Recruitment@ecdc.europa.eu</a></b>
<b>Weitere Bewerbungs- informationen/ Information for applicants</b>	<p><b>The jobholder will provide expertise and initiative on mathematical modelling to inform infectious disease prevention and control policy and the understanding and forecasting of trends and impacts of determinants and disease.</b></p> <p><b>The jobholder will be responsible in particular for the following areas of work:</b></p> <ul style="list-style-type: none"> <li>• <b>Identify critical knowledge gaps for infectious disease prevention and control that can be addressed with mathematical modelling;</b></li> <li>• <b>Design, develop and apply mathematical models to address public health questions;</b></li> <li>• <b>Implement forecasting and long-term scenario modelling methods for infectious diseases and their determinants, presenting scenarios and quantifying uncertainty;</b></li> <li>• <b>Coordinate projects with a mathematical modelling scope involving experts across Units and Disease Programmes;</b></li> <li>• <b>Work closely with experts across ECDC (e.g. epidemiologists, statisticians, foresight, surveillance, epidemic intelligence, social and</b></li> </ul>

	<p>behaviour change experts, disease experts) in order to acquire knowledge of available data and evidence streams and capacities that could be used for model building, parameterisation and calibration;</p> <ul style="list-style-type: none"> <li>• Contribute to establishing and sustaining partnerships with existing modelling networks and experts within Member States' public health institutes and academic institutions;</li> <li>• Propose methodological approaches for mathematical modelling, for example using Bayesian methods, and economic evaluations and analyses, which can complement the development of ECDC's outputs;</li> <li>• Stay up to date with the current literature on disease modelling and assess its value for ECDC's work;</li> <li>• Plan, draft, and project manage service contracts with external contractors in liaison with the procurement and finance sections at ECDC;</li> <li>• Contribute to other activities of ECDC, as required, in his/her field of expertise;</li> <li>• May be asked to contribute to the 24/7 duty system of ECDC</li> </ul>
<p>Datum der Anzeige/ Date posted</p>	<p>09.03.2023</p>
<p>Link zur Stellenausschreibung/ Link to job posting</p>	<p><a href="https://erecruitment.ecdc.europa.eu/?page=advertisement">https://erecruitment.ecdc.europa.eu/?page=advertisement</a></p>