**Agroscope Job Advertisement**

**Title**

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| PostDoc position: Biodiversity for ecosystem services (BioSerSys) |

**Introduction**

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| Agroscope has launched the Research Program “Development of environmental indicators on farms for management and policy support” aiming at developing a system of indicators capable to assess achievements of agro-policy objectives with respect to natural resources, environment and animal welfare at farm level. These indicators are expected to rely on new technologies for data collecting and processing so that they are relevant for policy making and easy to collect for farmers. The Research Program consists of 8 projects that are closely interacting, complementing each other. The present post-doc position is part of this Research Program and will specifically focus on indicators of ecosystem services and biodiversity at the plot and farm level, and integrate routine measurement of these indicators into an overall approach to measuring sustainability. |

**Tasks**

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| * Conduct a review of the recent literature on the use of simple indicators of biodiversity and the induced ecosystem services
* Derive a list of the most relevant indicators for regulating and supporting ecosystem services at farm scale
* Establish and validate the system of easily measurable indicators for biodiversity and regulating and supporting ecosystem services
* Draft the manual describing methods for measuring and interpreting biodiversity indicators and regulating and supporting ecosystem services at the plot and farm level
* Integrate the system of these indicators into the overall sustainability analysis bringing together the other indicators and concepts of the research program
* Present project results at international conferences and in peer-reviewed papers
* Conduct stakeholder consultations in Switzerland
* Translate the findings into recommendations for local stakeholders and for the national government
* Collaborate with the other 7 research partners of Agroscope
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**Requirements**

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| - PhD and publication records in Ecology, Agriculture, Environmental Science, or in a related field- Expertise in biodiversity indicators, and supporting and regulating ecosystem services- Expertise spatial analysis (GIS) and in statistical analysis- Strong conceptual and analytical skills- Excellent writing skills - Interest in stakeholder involvement and policy implications of research- Achievement-oriented, communicative personality with a capacity for teamwork, interdisciplinary collaboration and a flair for project management- Good knowledge of two official Swiss languages round out the requirements profile; proficiency in English is an important plus; (working languages of the group are German and English) |

**Information on Agroscope**

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| Agroscope is the Swiss federal centre of excellence for research in the agriculture and food sector. Its researchers carry out their work at a number of sites in Switzerland. Headquartered in Bern-Liebefeld, Agroscope is attached to the Swiss Federal Department of Economic Affairs, Education and Research EAER.The Agroscope Department for Agroecology and Environment at Zurich-Reckenholz conducts research for an environmental friendly and competitive agriculture. This Postdoc position will be affiliated to the research group Agricultural Landscapes and Biodiversity.We offer a varied job in a dynamic work environment, as well as thorough training and a modern research infrastructure. Flexible working hours, good social benefits and a staff restaurant are among the benefits of this position. |

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| **Place of work**  | 8046 Zürich-Affoltern |
| **Salary category** | According to the standards of the Swiss National Science Foundation |
| **Employment level** | 90% |

**Contact**

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| If you are interested in this challenge, we look forward to receiving your online application (documents in a single PDF file) at human.resources@agroscope.admin.ch (Ref. 43893). For further information, please feel free to contact Dr. Philippe Jeanneret, philippe.jeanneret@agroscope.admin.ch, +41 58 468 72 28, or Dr. Yvonne Fabian, yvonne.fabian@agroscope.admin.ch , + +41 58 481 93 66 (please do not send applications to these e-mail addresses).Application deadline: 20 January 2021.Start date: 1st March 2021 or per arrangement. The contract duration is for three years.  |