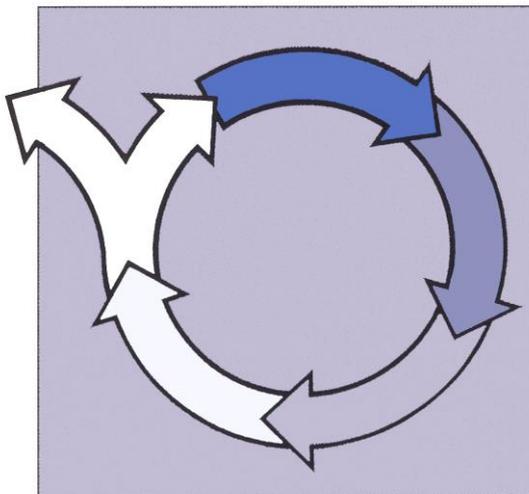# UNIVERSITY OF TWENTE.

Research Evaluation 2019

Methods, Experiences and New Approaches

A Four-Day Training Course for Research Evaluators and Government Officials

28 – 31 October 2019
Enschede, The Netherlands

Contact:
Elize Schiweck
e.schiweck@utwente.nl
Phone +31 (0)53 489 4486
https://www.utwente.nl/en/bms/steps/education/postgraduateprofessional/research-evaluation-2019/

The topic

Research evaluation occurs regularly. Governmental programs have ex-ante, midterm and final evaluations. Institutes, centres and people are evaluated. University research groups are assessed.

Research evaluation is important in terms of accountability, quality control, strategic decision making, and for identifying strengths, weaknesses, opportunities and unintended consequences of research. Research evaluation has also become important in assessing the appropriateness of research policy measures, and for identifying systems failures.

The challenge to professional evaluators, and to government and other officials responsible for research evaluation, is to design and conduct tailor-made evaluation exercises that serve policy needs and strategic aims. The course builds on the methods and experiences in various research evaluation practices to show that research evaluation can be done systematically. It offers a catalogue of research evaluation methods, techniques and rationales, as a firm base for designing, assessing and envisioning its multiple uses in policymaking.

The objectives

The course includes lectures by experts in research evaluation, study of case material in small groups and international exchange of experiences. The aim is to provide

- introduction and overview of research evaluation frameworks, models and approaches
- in-depth discussion of key issues and methods
- systematic approaches to the design of research evaluation
- insight in the use of research evaluation as a strategic policy tool.

Who should attend?

- Government officials who commission research evaluation studies, or are required to interpret the results of such studies
- Actual or potential research evaluation professionals who want to improve their understanding and skills.

Experience in social science research, evaluation or with research policy is recommended.

Course material

The course language is English. Course material includes the lecture notes and background publications. Cases will be studied with the help of selected original data and documents. Data and documents from actual evaluation studies will be used to work in groups on design and methods of research evaluation

The international team of teachers provides access to state-of-the-art research evaluation in Britain, United States, Scandinavia, Germany, the Netherlands, France and of European programs.

Course outline

The course covers evaluation of university research, R&D programs and institutes as well as evaluation of policy and funding bodies.

Monday
- Evolution of research evaluation
- Overview of evaluation methods and rationales
- Design of research evaluation, selection of methods in relation to the policy problem and general context
- Exercise I on evaluation design: logic chart

Tuesday
- Output identification and measurement: methods and problems.
- Scientific output and technological effects, economic and social impacts.
- University rankings and other performance metrics.
- Exercise II on evaluation of institutes and university research

Wednesday
- Evaluation of policy tools and research funders
- Ex-ante evaluation
- Evaluation of economic impacts of research and innovation
- Policy uses of evaluation
- Exercise III on communicating evaluation results and policymaking
- Course dinner

Thursday
- Exercise IV on sharing personal experience
- Future of research evaluation

Informal interaction with the faculty and among participants with different backgrounds during coffee breaks, meals, and other opportunities, provides an important learning experience.

Course faculty

Erik Arnold

Erik Arnold is Chair of the Technopolis Group, a European consultancy for S&T policy; and Adjunct Professor in Research Policy at the Royal Institute of Technology (KTH) in Stockholm. He works on design and evaluation of science, technology and innovation policy and programs.

Kate Barker

Ms. Kate Barker is senior lecturer at the Manchester Institute of Innovation Research at the University of Manchester, one of the leading academic centres for S&T policy and management. Her work focuses on the development of methodologies for and execution of evaluations of government research programs.

Stefan Kuhlmann
Course co-director

Stefan Kuhlmann is full Professor Foundations of Science, Technology and Society at the department STePS. Since the late 1980s he has analyzed science, research and innovation systems and policies, focusing on the dynamics of governance. He published widely in the field of research and innovation policy evaluation studies. Kuhlmann was President of the European

Forum for Studies of Policies for Research and Innovation ([Eu-SPRI Forum,](#) 2010-16) and is Director of the Dutch national research school Science, Technology and Modern Culture (WTMC).

Thed van Leeuwen

Senior researcher at the Centre for Science and Technology Studies (CWTS) in Leiden University. Research theme leader in the field of Open Science, and member of the Science and Evaluation Studies (SES) research group. Thed's research focuses on the development of open science, evaluation of academic research. His other research interest is in the evaluation of social sciences and humanities

Mireille Matt

Mireille Matt holds the PhD in economics from the University of Strasbourg. In 2011, she was hired as Director of Research at Grenoble Applied Economics Lab (Grenoble, France) at INRA (National Institute of Agronomic Research). Her research interests are in economics of science and innovation, STI policy analysis, evaluation of socio-economic impacts of large research programs and publicly funded research, university-industry relationships, strategic partnerships and technology transfer between academia and industry issues.

She has published her research results in collective books and in peer reviewed international journal such as Research Policy, Journal of Technology Transfer, Technovation, Science and Public Policy, Entrepreneurship and Regional Development, and Research Evaluation.

Gonzalo Ordóñez Matamoros
Course co-director

Gonzalo Ordóñez is Assistant Professor at the School of Behavioural, Management and Social Sciences at the University of Twente; and Professor at the Universidad Externado de Colombia in Bogotá. He was Executive Director of the Colombian Observatory of Science and Technology and consultant to the Inter-American Development Bank, the World Bank and the European Commission. He has conducted research, ex-post evaluation and foresight studies of knowledge, science, technology and innovation policies and programmes focusing on emerging economies.

Philip Shapira

Professor of Innovation, Management and Policy at the Manchester Institute of Innovation Research, Alliance Manchester Business School, University of Manchester; and Professor of Public Policy at Georgia Institute of Technology, Atlanta, USA. He teaches and conducts research on economic and regional development, industrial competitiveness, emerging technologies, responsible innovation, and innovation and technology policy. He has conducted policy assessments and evaluations in the United States, Europe and Japan.

Venue and accommodation

The course will be held at the DesignLab, on the campus of the University of Twente.

For course participants arrangements have been made at Uparkhotel, the new hotel located on the campus of the University of Twente. Charge for a single room with breakfast is approx. € 93,00 p.n. (not covered by the fee). The rooms are equipped with toilet, shower, telephone, radio and TV.

Course fee and registration

The course fee € 2.250,00 includes tuition, complete course material, coffee breaks, lunches and all dinners including one course dinner (and does not include hotel accommodation).

You can register here.

For applicants from the same organisation we use following pricing policy:
2 applicants registering from the same organisation: 15% discount
3 applicants registering from the same organisation: 20% discount
4 and more applicants from the same organisation: 30% discount

Applicants may cancel up to 10 days before the first day of the course and they then will receive a full refund. Cancellations received after that date will not be refunded. Substitutions may be made at any time. Should the course be cancelled for any reason, the liability of STəPS is limited to reimbursement of the course fee.

Contact

Elize Schiweck: e.schiweck@utwente.nl
Phone +31(0)53 489 4486

University of Twente, Faculty Behavioural, Management and Social Sciences; Department Science, Technology, and Policy Studies (STəPS); P.O. Box 217, 7500 AE Enschede, The Netherlands