

Short Bio



DR VERA CALENBUHR

System-Dynamics, Complex Systems Research, Sustainable Practices



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Focus of Work

Dr. Calenbuhr supports organizations in managing the transformation towards more sustainable practices using methods from system-dynamics. These activities take place at the level of the Swiss consultancy network [Now.New.Next.](#), of which Dr. Calenbuhr is a founding member; her own nascent consultancy start-up BlueMarble; as well as at the [European Commission's Joint Research Centre \(JRC\)](#), in Ispra, Milan area, Italy, where she is leading a discussion on complex systems research activities in support of European policies.

With her extensive knowledge of complex systems and her experience in sustainable development, Vera Calenbuhr also supports start-ups and consultancies across Europe, amongst others on scenario building.

Work Experience

Dr. Calenbuhr has ample experience in advising national governments, private companies, NGOs and academia on sustainability and complexity issues; most recently, she chaired an international expert group for the [Finnish Academy of Sciences](#) on sustainable growth.

Prior to taking a sabbatical in Zurich, she was responsible for the coordination of the strategic planning, reporting and evaluation activities at the JRC's Directorate for Policy Support Coordination in Brussels until spring 2017. Prior to this, she managed

the [European Science and Technology Observatory \(ESTO\)](#) a Europe-wide virtual think tank as well as various projects in relation to environmental policy, sustainable development and impact assessment at the [Joint Research Centre's Institute for Prospective Technological Studies \(JRC-IPTS\)](#) in Seville. Most notably, she supported the advisory body of the Commission President on the EU Sustainable Development Strategy and the Precautionary Principle.

With several courses on the economic perspective of sustainability, environmental policy and environmental economics taught at the [University of Basel](#) since 2003, Dr. Calenbuhr has extensive experience in university teaching.

Education

Vera Calenbuhr has a Diploma in Chemistry from the [University of Cologne](#) and a PhD in Natural Sciences from the [Free University of Brussels](#). Her academic career concentrated on modeling and simulations in complex systems theory and self-organization.

Publications

Alexander S. Mikhailov, Vera Calenbuhr, (2002), From Cells to Societies

Languages

German, English, French