

## Sophie Ittner

### Msc (Geoecology)

#### Fellow

#### Team

[Research & Policy Analysis](#)

#### Topics

[Agriculture](#)  
[Land Use](#)

Sophie Ittner is a Fellow in the fields of agriculture and soil at Ecologic Institute. Her research interests include the impact and acceptance of sustainable agriculture measures, in particular in the context of soil protection, climate and water. She is also interested in landscape management and resource conservation, landscape ecology and soil science. She works in German and English.

Sophie Ittner coordinates Ecologic Institute's contribution to the [Soil Mission Support project](#). Together with stakeholders, the project is developing a European roadmap for R&I on soil and land management. In the research project on the sustainable management of subsoil as part of the bioeconomy (Soil<sup>3</sup>), Sophie Ittner is working on the acceptance of measures and an extended cost-benefit analysis at the societal level, assessing the [impact of subsoil management on ecosystem services](#). Furthermore, Sophie Ittner supported the evaluation of agricultural measures supported by the Common Agricultural Policy (CAP) on [climate](#), [biodiversity](#) and [soil](#) for the European Commission's Directorate-General for Agriculture and Rural Development. For the European Topic Centre on Inland, Coastal and Marine Waters (ETC-ICM), she supported the preparation of a [report on Water & Agriculture](#) and for the European Topic Centre on Biodiversity (ETC-BD) she contributes to the [State of Nature report](#).



Before joining Ecologic Institute, Sophie Ittner worked as a research assistant at the Department of Soil Science, Humboldt-Universität zu Berlin (Germany). She examined the [ecological aspects of pasture-based dairy production and analyzed the effect of grazing on the quality of soil and yield](#).

Sophie Ittner studied Geoecology at the University of Potsdam (Germany). During her studies she focused on the effects of agriculture on diverse soil functions. Her Master's thesis analyzed the effect of global land use change on ecosystem services, where she also supported the development of a model based tool for stakeholder to assess global land use strategies.

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## **Selected projects by Sophie Ittner**

### **Soil Mission Support: Towards a European research and innovation roadmap on soils and land management**

#### **Duration**

Nov 2020 - Oct 2022

#### **Funding**

European Commission, [Directorate-General Research & Innovation](#) (DG Research & Innovation), International

### **Optimisation of Consulting Measures in Schleswig-Holstein with regard to their Effect on Protected Assets**

#### **Duration**

Jul - Dec 2020

#### **Funding**

[Ministry of Energy, Agriculture, the Environment, Nature and Digitalization](#), Germany

### **Sustainable Subsoil Management as Part of the Bioeconomy (Soil<sup>3</sup>)**

#### **Duration**

Oct 2015 - Jan 2025

#### **Funding**

[Federal Ministry of Education and Research](#) (BMBF), Germany

### **Coordination of International Research Cooperation on soil Carbon Sequestration in Agriculture (CIRCASA)**

#### **Duration**

Oct 2017 - Oct 2020

#### **Funding**

European Commission, [Directorate-General Research & Innovation](#) (DG Research & Innovation), International

## **Preventing and Remediating Soil Degradation (RECARE)**

### **Duration**

Nov 2013 - Oct 2018

### **Funding**

European Commission, [Directorate-General Research & Innovation](#) (DG Research & Innovation), International

## **Communication on the IPCC Special Reports "Climate Change and Land" and "The Ocean and Cryosphere in a Changing Climate"**

### **Duration**

Jun 2019 - Aug 2020

### **Funding**

[German Environment Agency](#) (UBA), Germany

## **Selected publications by Sophie Ittner**

EEA, 2020: State of nature in the EU. Results from reporting under the nature directives 2013â2018, Technical report No 10/2020, European Environment Agency, Copenhagen.

Hinzmann M, Ittner S, Kiresiewa Z and Gerdes H (2021). An Acceptance Analysis of Subsoil Amelioration Amongst Agricultural Actors in Two Regions in Germany. *Front. Agron.* 3:660593. doi: 10.3389/fagro.2021.660593

EEA 2021: Water and agriculture: towards sustainable solutions. EEA report 17/2020. Publications Office of the European Union, Luxembourg, 128pp.

CIRCASA 2020. Deliverable D2.3: "Synthesis report on knowledge demands and needs of stakeholders". DOI: <https://doi.org/10.15454/Q0XVVD>

Naumann S. et al. (2019) Land Take and Soil SealingâDrivers, Trends and Policy (Legal) Instruments: Insights from European Cities. In: Ginzky H., Dooley E., Heuser I., Kasimbazi E., Markus T., Qin T. (eds) *International Yearbook of Soil Law and Policy 2018*. *International Yearbook of Soil Law and Policy*, vol 2018. Springer, Cham

Frelih-Larsen, Ana et. al. 2018: Remediating Historical Soil Contamination: Effective Measures and Policy Solutions. RECARE Policy Brief. Ecologic Institute: Berlin.

Frelih-Larsen, A.; Hinzmann, M.; Ittner, S. (2018). The 'Invisible' Subsoil: An Exploratory View of

## Selected events by Sophie Ittner

### **Workshop:**[Soil Carbon Sequestration in Agriculture – CIRCASA Stakeholder Workshop](#)

**Date**

5 December 2018

**Location**

Brussels, Belgium

### **Workshop:**[Better Use of Deep Soil Layers in Agriculture as Preparation for Dry Periods](#)

**Date**

2 March 2020

**Location**

Bad Sassendorf, Kleve, Germany

### **Discussion:**[Climate Change, Soil and Agriculture: Where do we stand and what we can do](#)

**Date**

24 September 2019

**Location**

Berlin, Germany

### **Workshop:**[Optimal Soil Management to Ensure Yield Capacity](#)

**Date**

18 June 2019

**Location**

Moltzow, Germany

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