

The lecture series «Digitalization and Sustainability» is a Master course of the University of Basel (65774-01), Fall term 2022.

A full description of the course is available in the [course directory](#).

Course organization

Prof. Dr. Frank Krysiak

Professor in Environmental Economics, Faculty of Economics, University of Basel

Arne Menn

Head of Sustainability, University of Basel

Dr. Jean Terrier

Educational Technologies / Project Digital Literacies, University of Basel

«Digitalization and Sustainability» is part of the Project Digital Literacies, supported by swissuniversities.

More information

<https://digitalskills.unibas.ch>

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Digitalization and Sustainability

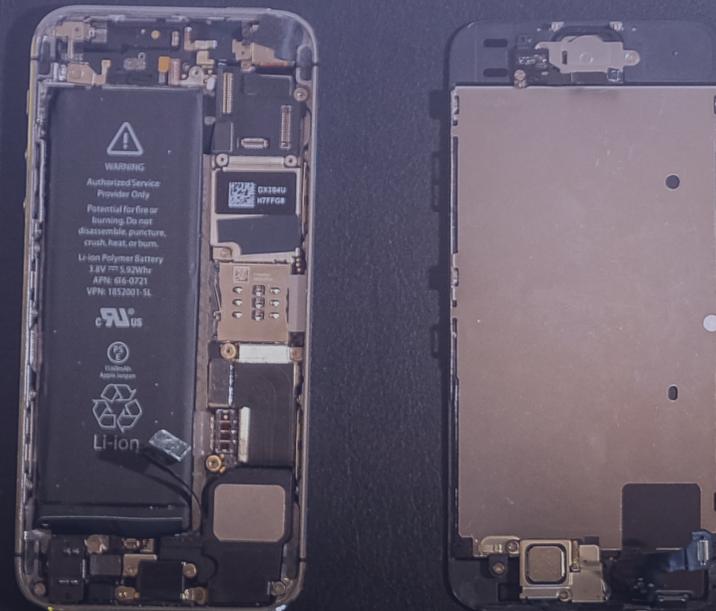
Friends or Foes?

Lecture Series – Fall Term 2022

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Digitalization and Sustainability

Friends or Foes?

Lecture Series – Fall Term 2022

In the last decade of the 20th century, many early enthusiasts of the emerging digitalization process regularly emphasized a positive side-effect of this transformation: digitalization, they argued, would allow for a more sustainable, less resource-hungry form of social and economic development.

In the past twenty years, this optimistic discourse has given way to a much grimmer picture.

Overuse of raw materials to produce digital devices, new forms of precarious labor, social fragmentation, spread of false information as a result of fake news and political polarization: all these phenomena and many more have now turned into standard headlines of the daily press.

Digitalization in its current form, on the one hand, and sustainable development, on the other, do not seem to necessarily belong together after all.

But is a combination of these two goals really out of the question? If not, what should be changed in the digitalization process to make it more sustainable?

In this lecture series, we will hear twelve experts in their field present their views on the challenge posed by digitalization to sustainable development, as well as on how to render these two processes more compatible than they seem to be now.

Programm

Schedule: Monday, 16:15 – 18:30

Venue: University of Basel, Kollegienhaus, Room 118

Moderation: Dr. Annika Sohre

October

MO
10
OCT.

A green digitalized economy? Challenges and opportunities from a resource perspective

Dr. Grisca Beier (online)

Digitalisation and Sustainability Transformations
Group, IASS, Potsdam

Dr. Fritz Brugger

NADEL Center for Development and Cooperation,
ETH Zurich

MO
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OCT.

The social contexts of digitalization and their impact on sustainability

Prof. Frank Krysiak

Environmental Economics Group,
University of Basel

Prof. Paul Burger

Sustainability Research Group,
University of Basel

MO
24
OCT.

The technologies of information & communication and their environmental impact

Prof. Fabian Schär

Professor for Distributed Ledger Technology
& Fintech, University of Basel

Prof. Heiko Schuldt

Databases and Information Systems Group (DBIS),
University of Basel

MO
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OCT.

Efficiency, consistency and sufficiency in the digital age

Prof. Lorenz Hilty

Informatics and Sustainability Research Group (ISR),
University of Zurich

Prof. Tilman Santarius (online)

Chair of Socio-Ecological Transformation
and Sustainable Digitalization, TU Berlin

November

MO
07
NOV.

Sustainability & digitalization: perils and pathways between solutionism and skepticism

Prof. Matthias Stürmer

Institute for Public Sector Transformation,
Berne University of Applied Sciences

Prof. Peter Seele

Corporate Social Responsibility and Business Ethics,
Università della Svizzera italiana

MO
14
NOV.

Changing law, humanizing technology: towards a sustainable digitalization?

Prof. Nadja Braun Binder

Electronic Public Institutions and Administrations
Research Forum (e-PIAF), University of Basel

Prof. Elena Mugellini

HumanTech Institute, Haute Ecole spécialisée
de Suisse occidentale