

The Seminar is addressed to doctoral students in the fields of Architecture, Urbanism, Global Health & Humanities and Social Sciences, interested in the use of the One Health concept (OH) as a tool to tackle urban themes (the city, the territory and the ways in which we inhabit them). Scientific training in OH methods requires innovation, in order to take into account, on the one hand, the rapid evolution of the socio-spatial realities under study, and on the other, the variety of languages, techniques, and scales involved in the description and analysis.

The seminar is based on a double and reciprocal hypothesis. The OH approach contains a strong potential for “resetting” territories towards a more holistic balance, towards a greater habitability/co-habitability of their different parts and the development of symbiotic relationships (virtuous co-habitation) between urban and ecosystem functions. Symmetrically, the OH agenda could be consistently fed by a spatial approach especially within the urban domain.

The Seminar aims to deal with three particular OH objectives: the reconnection of humans to their natural past and acceptance of their place in/dependence on the planet’s ecosystems; the recognition of human dependence on ecosystem services; the recognition of human development’s impact and acceptance of responsibility toward future generations.

Scientific Committee:

Prof. Martina Barcelloni Corte (co-chair), Faculty of Architecture,
University of Liège
Dr. Isabelle Bolon (co-chair), Institute of Global Health,
University of Geneva
Prof. Derek Christie, School of Health Sciences Fribourg. HES-SO
University of Applied Sciences and Arts Western Switzerland
MER Elena Cogato Lanza (co-chair), Laboratory of Urbanism, EPFL
Prof. Paola Viganò, HABITAT Research Center, EPFL

Organized by:

Habitat Research Center (EPFL)
Laboratory of Urbanism (EPFL)
Faculty of Architecture of the University of Liège (Belgium)
Institute of Global Health (UNIGE)
School of Health Sciences Fribourg (HES-SO)

In the frame of:

Swissuniversities Program
Doctoral Program of Architecture and Sciences of the City (EDAR-EPFL)



Habitat H

Research R

Center C

29 Nov - 1 Dec 2021
EPFL (Archizoom SG 1212,
AAC 108)

Designing cities
in a changing world
Towards an urban One Health
approach

Monday 29 November
EPFL, Archizoom SG 1212

FILM PROJECTION
WITH DOMINIQUE MARCHAIS

20.00 *La ligne de partage des eaux*
(2014)

Tuesday 30 November
EPFL, Archizoom SG 1212

14.30 OPENING WORDS. Elena
Cogato Lanza (Lab-U EPFL),
Martina Barcelloni Corte
(URA UNI Liège)

14.45 Jean Simos (IGH UNIGE),
Isabelle Bolon (IGH UNIGE),
Derek Christie (HES-SO. HedS-
Friburg) *What is One Health?*

16.15 I. ON SPATIAL
JUSTICE

Chair & Discussants: Derek Christie,
Elena Cogato Lanza, Thiago Herick de
Sa (ECH WHO)

Tommaso Pietropolli (Lab-U
EPFL) *Searching for equality.
Horizontal relations and
design ambiguities in a
spatial OH approach.*
Marie Trossat (Lasur EPFL,
Metrolab Bruxelles) *One
Health for everyone?
Questioning health accessibility
for undocumented migrants as
a political issue.*

17.30 Coffee Break

18.00 LECTURE. Dominique
Marchais (filmmaker and
scriptwriter) *L'infra-paysage*

19.15 ROUND TABLE. Keynote
speaker debates with Paola
Viganò (HRC EPFL), Jean
Simos (IGH UNIGE), Thiago
Herick de Sa (ECH WHO)

20.00 Dinner

Wednesday 1 December
EPFL, AAC 108

8.45 II. MATERIAL
AMBIANCES

Chair & Discussants: Isabelle Bolon,
Elena Cogato Lanza

Nuria Alvarez Coll (ENSA
GRENOBLE) et Marta Miranda
(ENSA NANTES) *Raw materiality
to root our architecture spaces.*
Adam Swietek (LEURE EPFL)
*What the Swiss see, quantitative
analysis of urban viewpoints.*
Patricia Guaita (JMA HEIA-
Fribourg/HES-SO), Raffael Baur
(JMA HEIA-Fribourg/HES-SO)
*Towards a New Ecology of
Construction. Transformations
on Jean Prouvé.*

10.30 Coffee Break

10.45 III. RETHINKING
CITY MODELS

Chair & Discussants: Martina Barcelloni
Corte, Derek Christie, Roderick
Lawrence (UNIGE)

Anna Karla de Almeida Santos
(Lab-U EPFL) *Rethinking urban
health in productive habitats:
a One Health approach.*
Loïc Vilain (UMONS)
*The compactness in answer to
urban sprawl: development of
a tool to help the reasoned
densification of village cores
in Wallonia.*
Luca Piddu (UNIGE)
Controversies on Density.

12.30 Lunch

14.00 IV. TOWARDS
NEW ECOLOGIES

Chair & Discussants: Isabelle Bolon,
Martina Barcelloni Corte, Jakob
Zinsstag (Swiss TPH)

Nicole de Lalouviere (ETHZ)
*Urban Landscape
Transformations and the*

*Malaria Control Scheme in
Mauritius, 1948– 51.*
Vu Thi Phuong Linh (KU
LEUVEN) *Tonle Sap flooded
section and local practices:
coexistence and contestation.*
Sylvie Nguyen Tram (Lab-U
EPFL) *Towards a New Social
Ecological Ecosystem in the
Vietnam Mekong Delta.*
Dolorès Bertrais (UNIGE)
*Penser la Green City à Phnom
Penh (Cambodge) et
l'habitabilité de la ville
en devenir.*

16.30 Coffee Break

Archizoom SG 1212

17.00 POSITIONS & DEBATE.
One Health Today, with Jakob
Zinsstag (Swiss TPH)
and Jean-Philippe Pierron
(LIR3S UNI Burgundy)

19.00 ENDING WORDS

20.00 Dinner

Martina Barcelloni Corte, PhD in Urbanism, is Professor
of Landscape Urbanism at the Faculty of Architecture,
University of Liège. Her work focuses on intersecting
human-natural networks and their interaction patterns
with a particular interest to the representation of the
landscape as a multilayered space. She is currently
carrying out a research on urban-rural soils.

Isabelle Bolon, veterinarian, leads the One Health
Unit at the Institute of Global Health (UNIGE). Her
research deals with Global Health challenges at the
human-animal-ecosystem interface and uses the One
Health approach. More specifically, she is interested
in emerging zoonotic diseases, the inter-linkages
between biodiversity and human health, human-animal
interactions in the context of urban socio-ecosystems,
and the global fight against snakebite.

Derek Christie, MPH, is a public health biologist who
obtained his PhD in 2018 from EPFL on the topic of
urban walking. Since 2020 he is at the School of
Applied Sciences and Arts Western Switzerland (HES-
SO), as Dean of applied research and development at
the School of Health Sciences in Fribourg/Freiburg.
He is also an active member of the Institute of Global
Health (UNIGE) and of the Habitat Research Center
(EPFL).

Elena Cogato Lanza, architect, is Senior Scientist at the
Laboratory of Urbanism (EPFL) and Director ad interim
of the doctoral programme Architecture and Sciences
of the City. Her research interests lie at the crossroads
between the history and the theory of urbanism.
Her publications deal with the theoretical and material
legacy of the XXth century city, namely with the function
and status of nature.

Thiago Hérick de Sá holds a PhD in Public Health
from the University of São Paulo. He is a public health
professional working on healthy urban environment and
sustainable mobility related issues at the Department
of Environment, Climate Change and Health (ECH), at the
World Health Organization headquarters.

Roderick Lawrence. Nominated Professor in the Faculty
of Economic and Social Sciences at the University of
Geneva in 1999, he is Honorary Professor since 2015.
He was Visiting Professor at the Institute for Global
Health at the United Nations University (UNU-IIGH) from
2014 to 2016. Among others, his research tackles with
the residential context of health, well-being and quality
of life in a rapidly changing world.

Dominique Marchais is a filmmaker and scriptwriter.
After studying philosophy at Sorbonne Paris 4, he was
film critic at Les Inrockuptibles. Since *Lenz échappé*
(2003) his movies develop a reflection on Landscape,
dealing with contemporary rural landscape (*Le Temps
des grâces*, 2010), sectorial rationales and stakeholders
(*La ligne de partage des eaux*, 2014), and contemporary
places of "Good Government" (*Nul homme n'est une île*,
2018).

Jean-Philippe Pierron, PhD in philosophy, is Professor
of moral philosophy and applied ethics at the University
of Burgundy. Influenced by hermeneutics and the
philosophy of existence, his work focuses on the moral
of imagery within medical and environmental ethics. He
is the author of *Prendre soin de la nature et des humains*.

Jean Simos, Doctor of Science at EPFL, is currently the
Director of the Environment and Health Research Group
(GRES), in the Institute of Environmental Sciences and
the Faculty of Medicine, University of Geneva.
He has 30 years of experience in the development and
management of public health programmes at the local
level, and an increasing engagement with Healthy Cities
and Health Impact Assessments.

Paola Viganò, PhD in Architecture, is Professor in Urban
Theory and Urban Design at the EPFL (Lausanne) and
Head of Habitat Research Center. The first woman to
receive the Grand Prix de l'Urbanisme in France in 2013,
she was awarded the title of Doctor Honoris Causa by
the Catholic University of Louvain in 2016. Her recent
research has focused on territorial and landscape design
in the frame of a larger biopolitical project that concerns
living entities and bodies within space.

Jakob Zinsstag, veterinarian, is Professor of
Epidemiology at the University of Basel and deputy
head of department of Epidemiology and Public Health
at the Swiss TPH, where he leads a research group on
the interface of human and animal health with a focus
on health of nomadic people and control of zoonoses in
developing countries under the paradigm of "one health".