



INVITATION FOR THE OFFICIAL OPENING OF **BERTHA** BIG DATA CENTRE FOR ENVIRONMENT AND HEALTH

Monday, 10th December 2018, 14:00-17:00

Aarhus University, Risø Campus,

Building 7410, Reception Hall and Canteen

Frederiksborgvej 399, 4000 Roskilde, Denmark

Participation is free of charge,
however registration is necessary.

Please visit events.au.dk/BERTHAopening2018
to register no later than 3rd December.

The environment is a major determinant of health, estimated to account for almost 20% of all deaths in Europe. Access to green space is associated with better mental and physical health. However, until now individual location-time-activity patterns have not been available for environmental and social exposure assessments.

The Big Data Centre on Environment and Health – BERTHA - focuses on individual level whole life course environmental and social exposures and the effects on health and wellbeing.

BERTHA research entails the collection and linkage of numerous data sources such as personalised sensors, social media, public Danish medical records and population registers, static environmental monitors and mathematical models. To assemble and analyse this myriad collection of data sources is a complex task that

calls for holistic solutions, spatial methodological innovations and theoretical developments in the whole life exposure exposome and behaviour field: In short, it requires Big Data solutions.

The Big Data Centre for Environment and Health opens Monday 10th December 2018, 14:00-17:00.

At the opening, we will present our current activities and our future ambitions to make substantive progress in the understanding of spatial life course environmental and social influences on health and wellbeing. It is a great pleasure to invite you to join us at this celebration.

Kind regards,

Professor Clive Sabel, Centre Director
On behalf of the BERTHA team

You can read more and watch a short movie about BERTHA here: BERTHA.au.dk.

PROGRAMME

- 14:00** **Welcome – Official Opening**
Head of Department of Environmental Sciences Carsten Suhr Jacobsen,
Aarhus University
- 14:10** **Challenges in Urban Sustainability**
Stephan Barthel, Director of HiG Urban Studio, Stockholm Resilience
Centre
- 14:30** **The Danish Big Data Centre for Environment and Health**
Clive Sabel, Director of BERTHA, Professor, Department of Environmental
Sciences, Aarhus University
- 14:45** **Environmental and Social Exposures and Health Outcomes**
Christian Erikstrup, Professor and Head of Blood Production, HIV and
Hepatitis Testing, Department of Clinical Immunology, Aarhus University
- 14:55** **Break** and walk to presentations on current research in BERTHA
- 15:00** **Parallel poster session**
In the canteen and entrance hall
- 15:30** **Reception and celebration of BERTHA**
With festive speeches, live music, delicious dishes and some nice wine in
the canteen and entrance hall.