

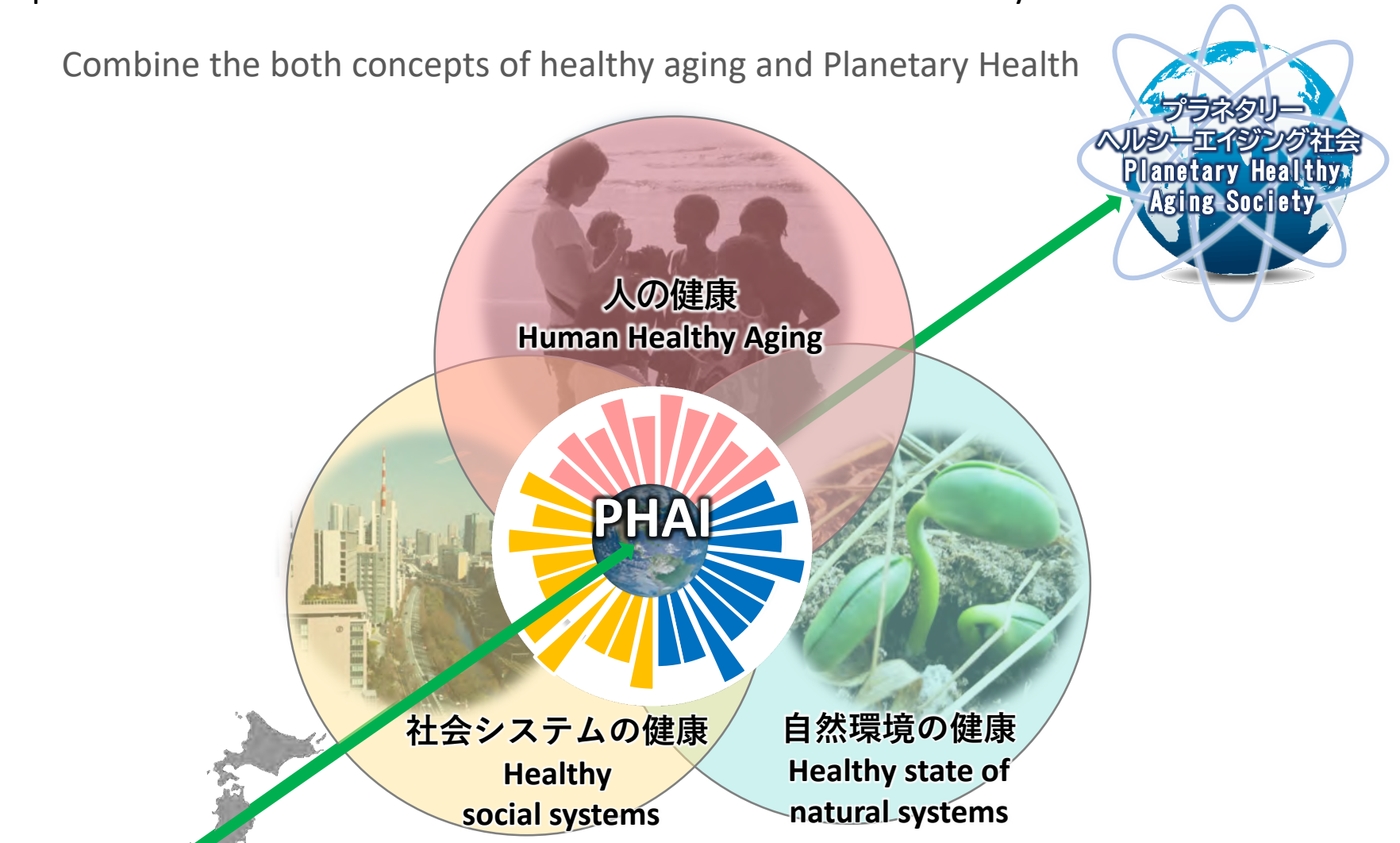
Community-oriented practice for planetary healthy aging

Achieving “Planetary Healthy Aging” society by using PHAI

Overview

The world is now facing an ageing society, and the United Nations has launched a 10-year plan for healthy ageing in 2020. In order to practice this healthy ageing, it is necessary to harmonize not only human health but also the health of the entire global system, which includes the social and natural systems. To practice “the healthy ageing that walks together with the planet (Planetary Healthy Aging),” this research develop the “Planetary Healthy Aging Index (PHAI)” to grasp the current situation and visualize the issues in the community.

Combine the both concepts of healthy aging and Planetary Health



広島(グローバルとローカルの結節点)
Hiroshima (Linkage points of global and local)

PHAI: Planetary Healthy Aging Index

Planetary Health is: considering total health, which is including human health, healthy social systems, and the healthy state of the natural systems on which it depends. We can say that it is a challenge for "new transdisciplinary science."

<https://phai.hiroshima-u.ac.jp/>

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社会システム(都市環境)
/ Social system (Urban)

Akimasa FUJIWARA Makoto CHIKARAISHI

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力石 真



Urban Planning



activity-travel
behavior analysis

Miho SEIKE
清家 美帆

Xuan TRAN DANG
チャン・ダン・スアン



Enclosed space
risk management



Sustainable
Agriculture

社会システム(住環境)
/ Social System (Housing)

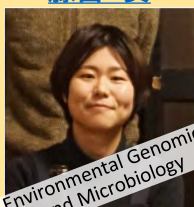
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丸山 史人

藤吉 奏

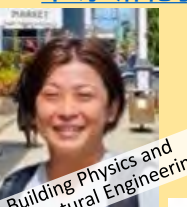


Microbes in Built
Environments

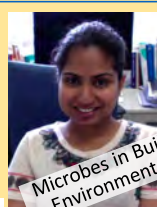


Environmental Genomics
and Microbiology

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中嶋 麻紀子 Ishara Uhanie Perera



Building Physics and
Architectural Engineering



Microbes in Built
Environments

Tetsu KUBOTA
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Building and Urban
Environmental
Engineering

人 / Human

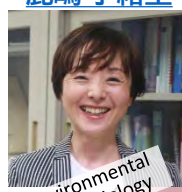
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Rural Health,
Health Policy

PI: Saori KASHIMA
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Environmental
Epidemiology

Junyi ZHANG

張 峻屹



Human
Behavior

人の健康

Human Healthy Aging

PHAI

社会システムの健康

Healthy social system

自然環境の健康

Healthy state of
natural systems

研究メンバー / Research Member



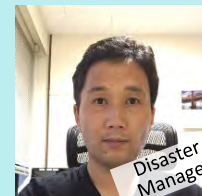
プラネタリー
ヘルシーエイジング社会
Planetary Health
Aging Society

自然環境(気候・水環境)

/ Natural systems (Climate / Energy/Water)

Han Soo LEE

李 漢洙



Disaster Risk
Management

Shinichi ONODERA

小野寺 真一



sustainable water use,
water environment

VINAYAK Nitin
Bhanage



Urban Climate
and Environment

Mitsuyo SAITO
齋藤 光代



Interaction among
environment, geology
and ecosystems

自然環境(生態)

/ Natural systems (Ecology)

Tetsuro HOSAKA Sonoko WATANABE

保坂 哲朗

渡邊 園子



Ecology and Ecosystem
Management



Sustainable
Ecosystem



Ecology
(Animal)

Miyabi NAKABAYASHI
中林 雅