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Institute for Environment
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High level panel on space-based information for development

Jakob Rhyner

Director UNU-EHS und Vice Rector in Europe
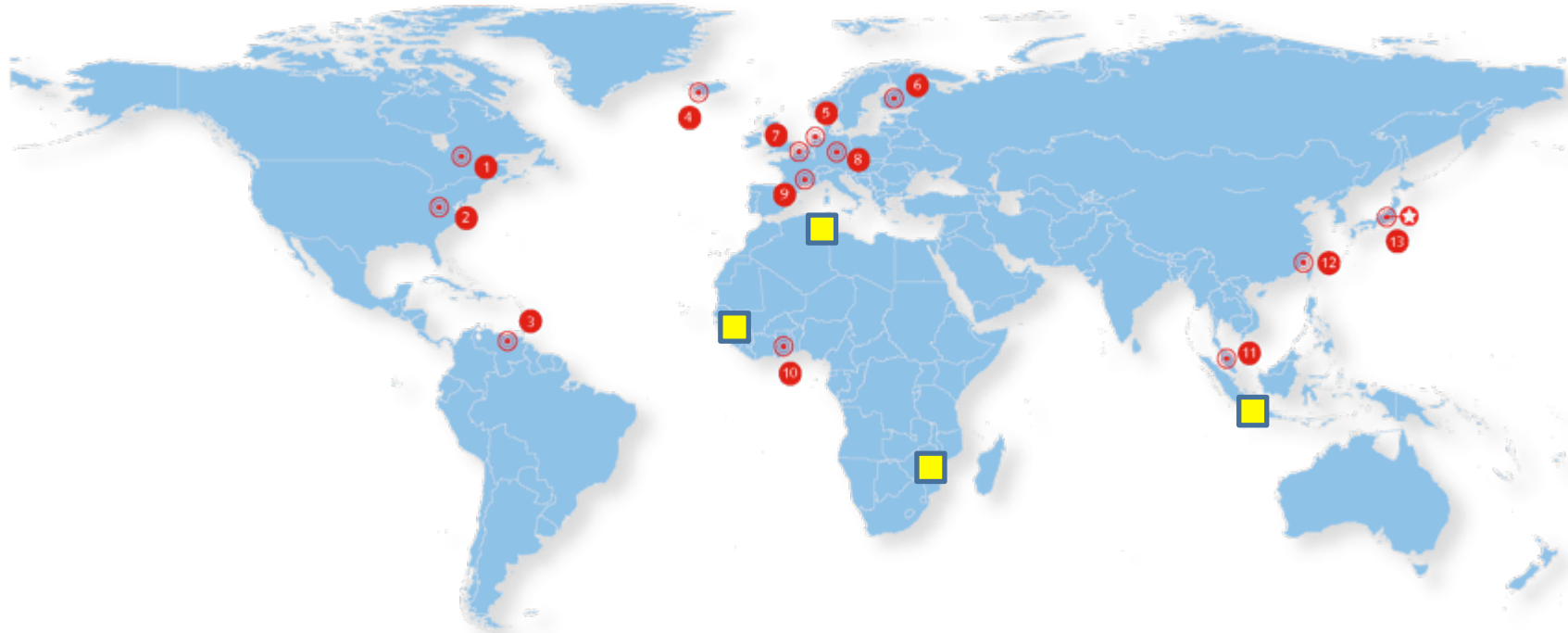
United Nations University
The „Global Campus"

UNITED NATIONS UNIVERSITY

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* UNU Centre
1 UNU-INWEH (Water)
2 Office at the UN (Liason)
2 UNU-FNP (Food & Nutrition)
3 UNU-BIOLAC (Biotechnology)
4 UNU-FTP, UNU-GTP, UNU-LRT
(Fisheries, Geothermal Research,
Land Restauration)

5 UNU-MERIT (Innovation & Technology)
6 UNU-WIDER (Development Economics)
7 UNU-CRIS (Regional Integration)
8 UNU-ViE (Vice Rectorate in Europe)
8 UNU-EHS (Human Security)
8 UNU-FLORES (Integrated Material Fluxes)

9 Office at UNESCO (Liason)
10 UNU-INRA (Natural Resources)
11 UNU-IIGH (Health)
12 UNU-IIST (Software)
13 UNU-IAS (Advanced Studies)
13 UNU-ISP (Sustainability & Peace)

Project GITEWS
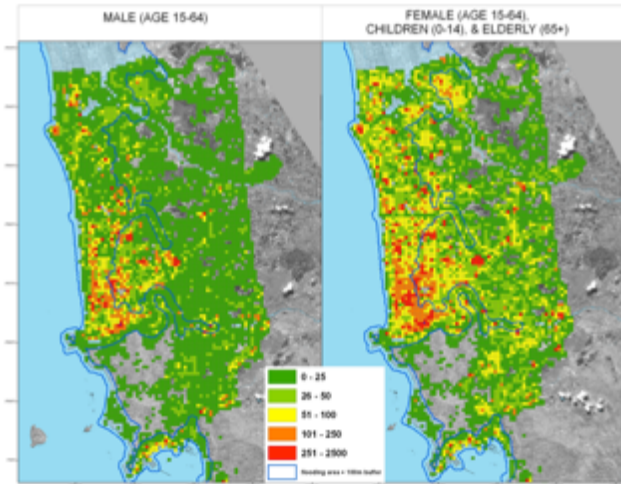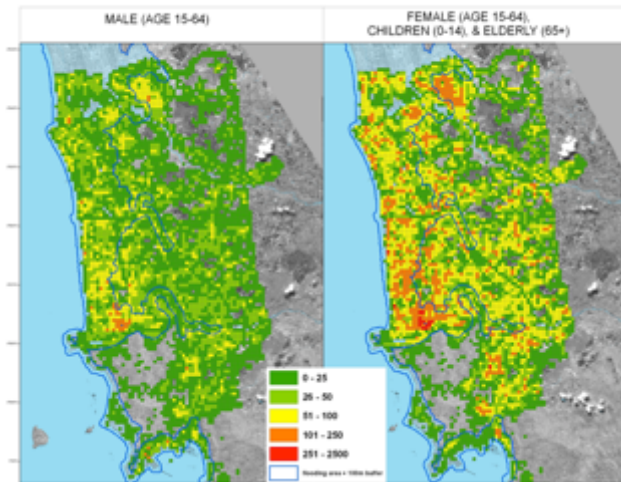## (German-Indonesian Tsunami Early Warning System)

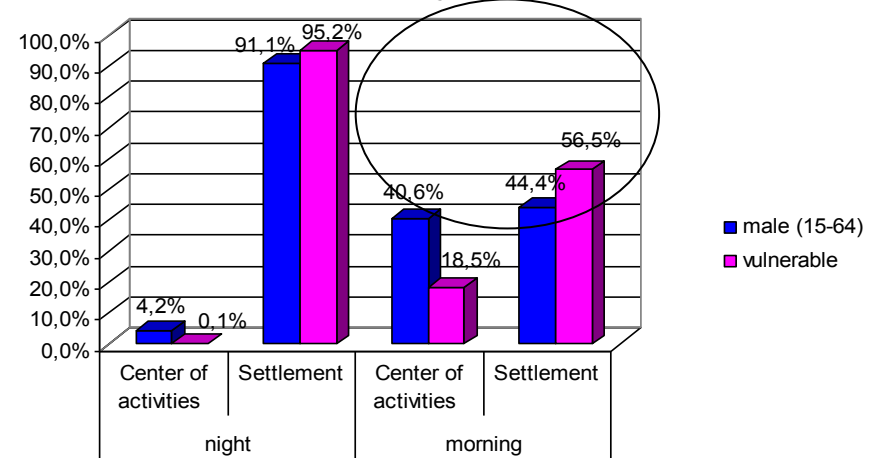POPULATION DISTRIBUTION - MORNING TIME
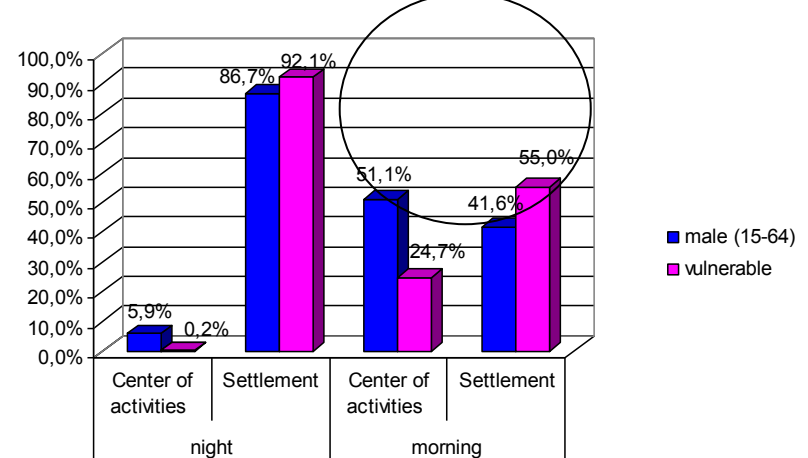

POPULATION DISTRIBUTION - NIGHT TIME

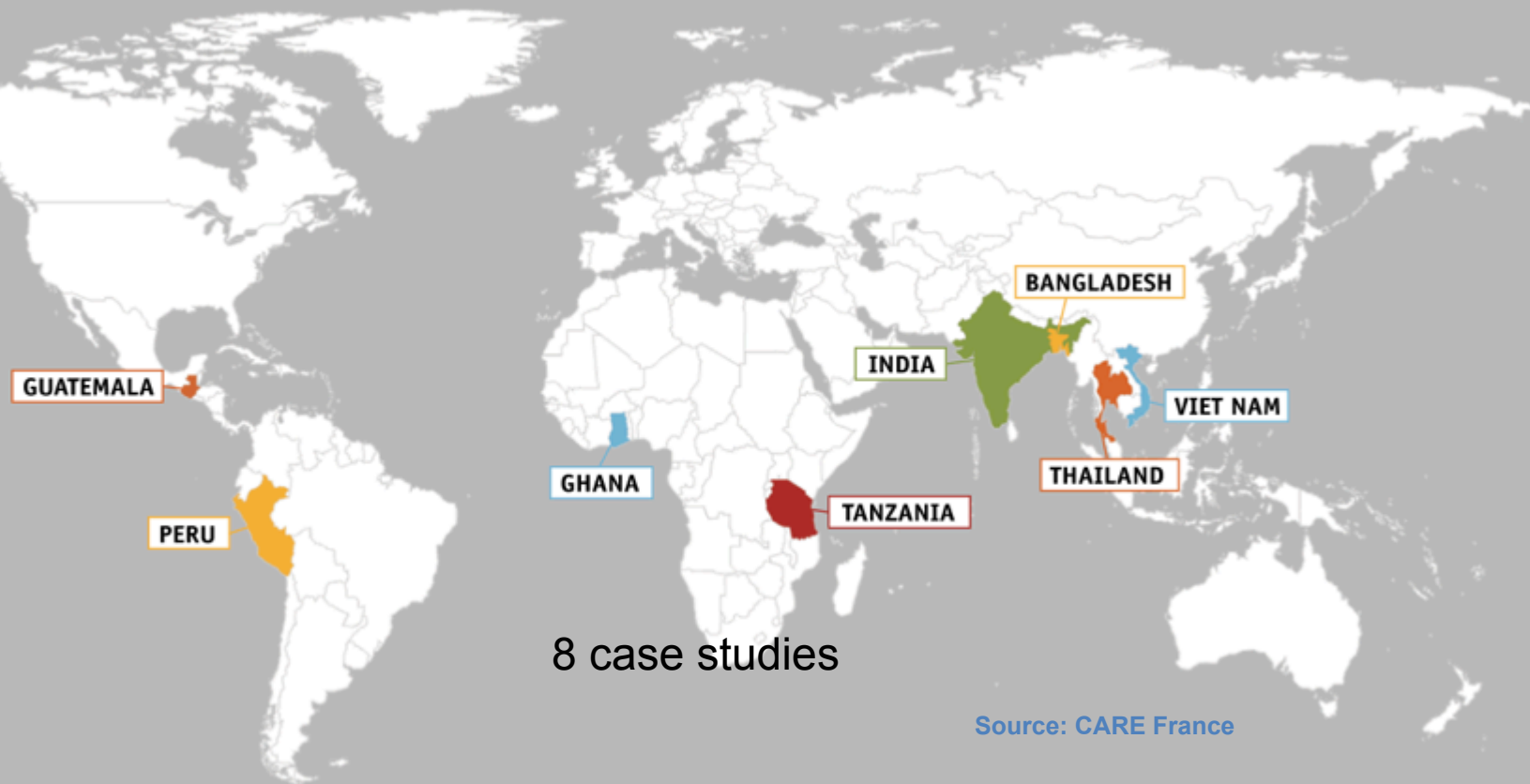%-age of Population Groups by Daytime and Building Use
Whole Study Area

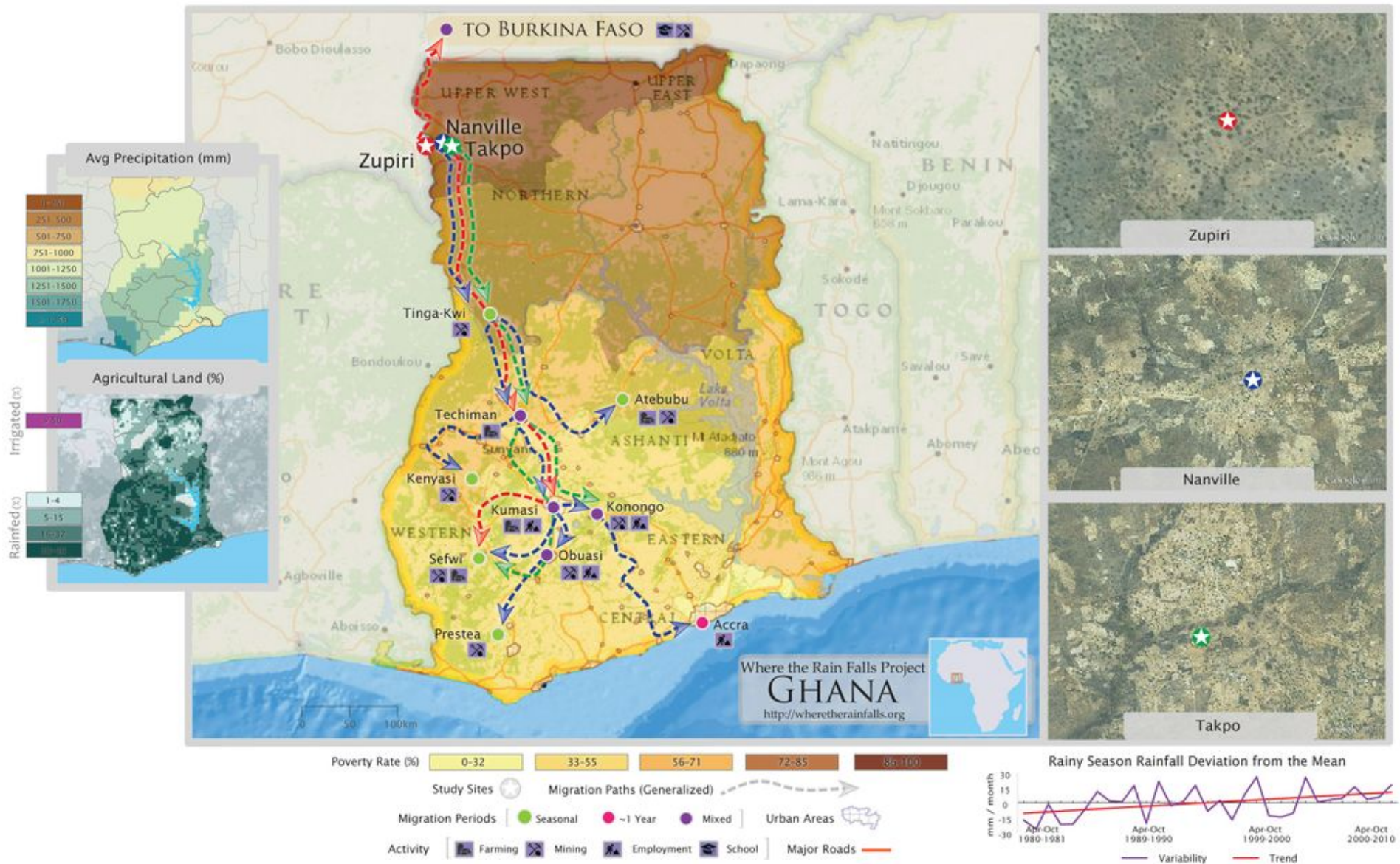%-age of Population Groups by Daytime and Building Use
Hazard Zone

WHERE THE RAIN FALLS *(CARE, Mac Arthur Foundation)*
Geographic and Livelihood Diversity: 8 Countries

8 case studies

Source: CARE France

Ghana: High dependence on rain-fed agriculture in Nadowli District contributes to reliance on seasonal migration as a coping strategy

Joint Master UNU-EHS – University of Bonn
"Geography of Environmental Risks and Human Security", Class 2014/2016

7. October 2014 – first day

Thank you!

UNITED NATIONS UNIVERSITY

Institute for Environment
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For UNU projects in Africa: http://www.vie.unu.edu/project/map/priority-africa