Demographic change and hydro-metrological hazards

Natural hazard risk management in alpine areas facing population decline and demographic ageing

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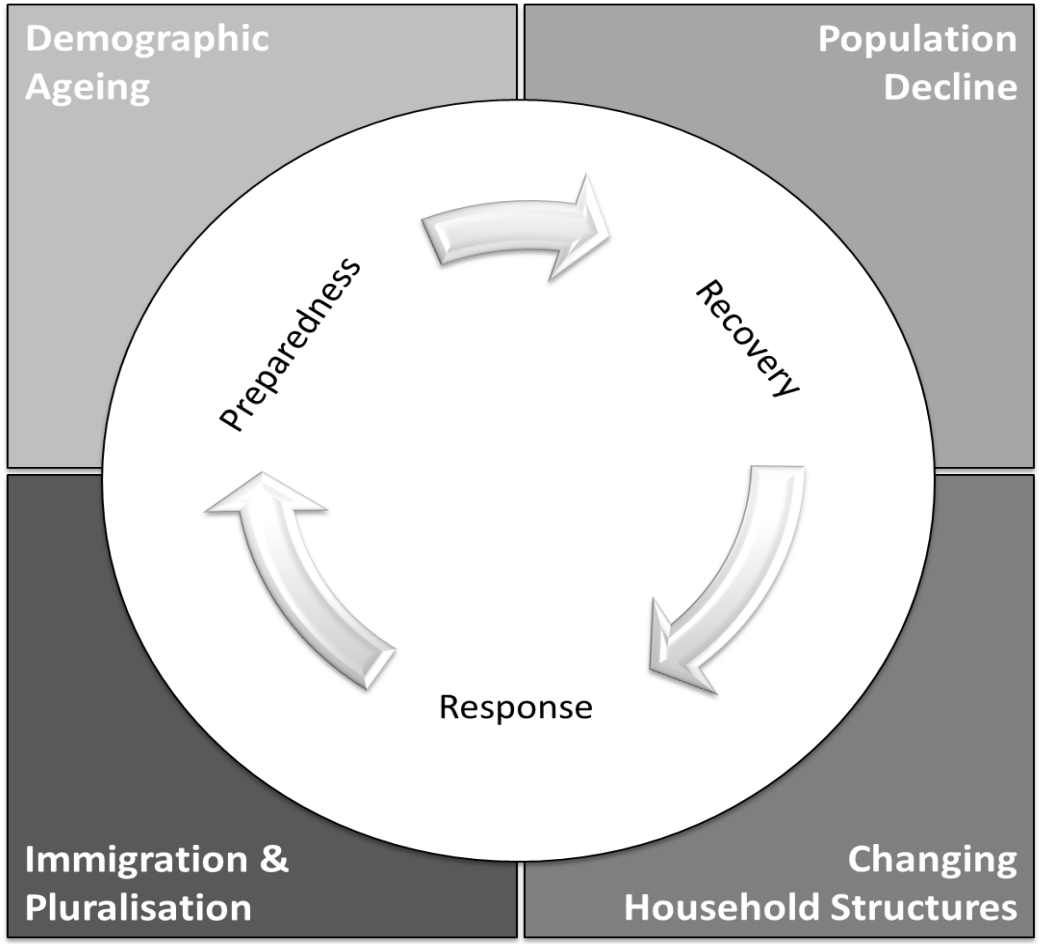
WORKSHOP 1.3.B: CHALLENGES AND POTENTIALS OF DEMOGRAPHIC CHANGE IN MOUNTAIN REGIONS

Research Project
DemoHAZ-ALPS



OBJECTIVES

- better understand the interrelations between demographic change and natural hazard risk management
- explore institutional settings of anticipatory natural hazard management under conditions of demographic change
- co-develop adaptation measures to reduce flood risk and vulnerability

Austrian Academy of Sciences

Program Earth System Sciences (ESS)

Project Duration: 12/2017 – 05/2020

University of Natural Resources and Life Sciences Vienna (BOKU)

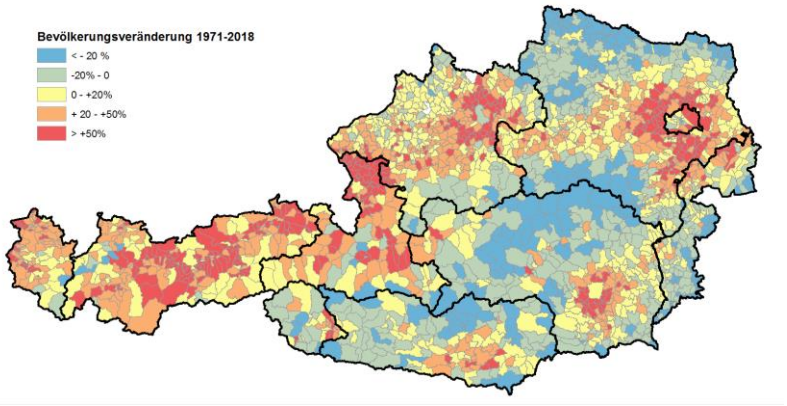
Institute of Mountain Risk Engineering (BOKU-IAN)

Institute of Forest, Environmental and Natural Resource Policy (BOKU-InFER)

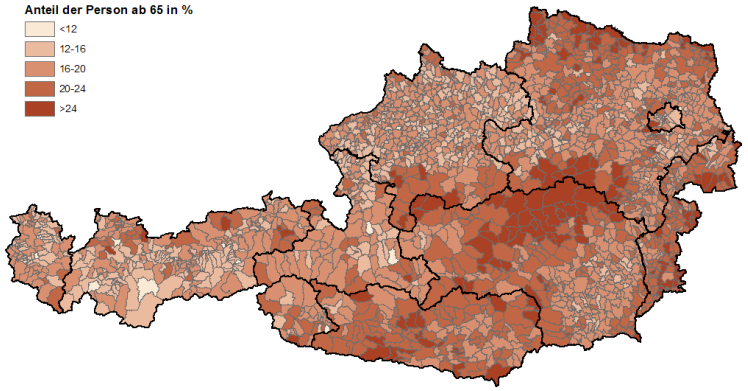
Institute of Spatial Planning and Rural Development (BOKU-IRUB)

Demographic Change in Austria

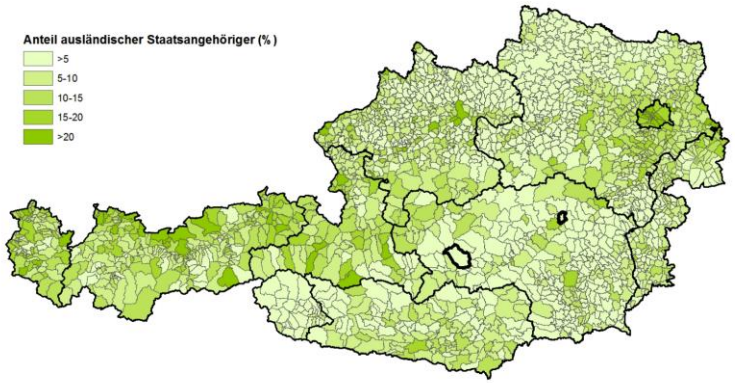
Change in residential population (1971-2018)



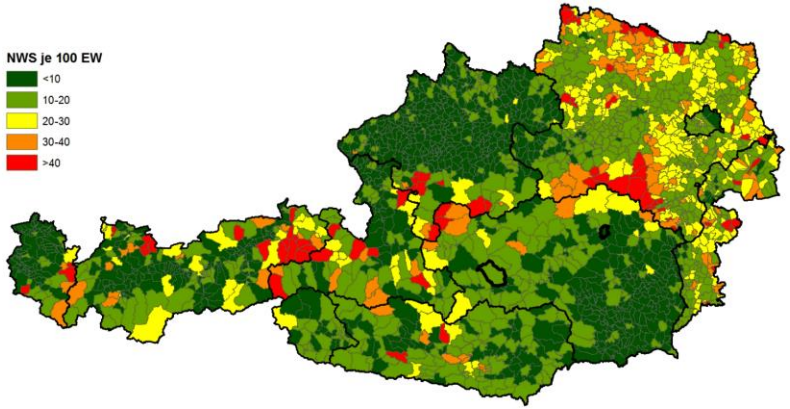
Share of residential population aged 65+ (2015)



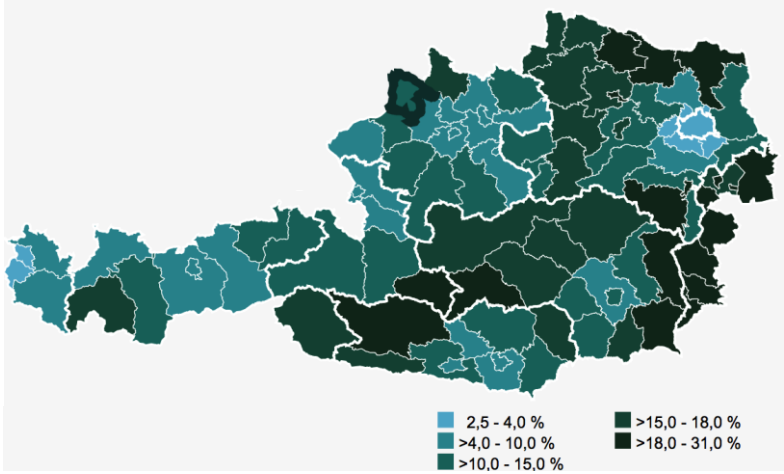
Share of foreign nationals (2015)

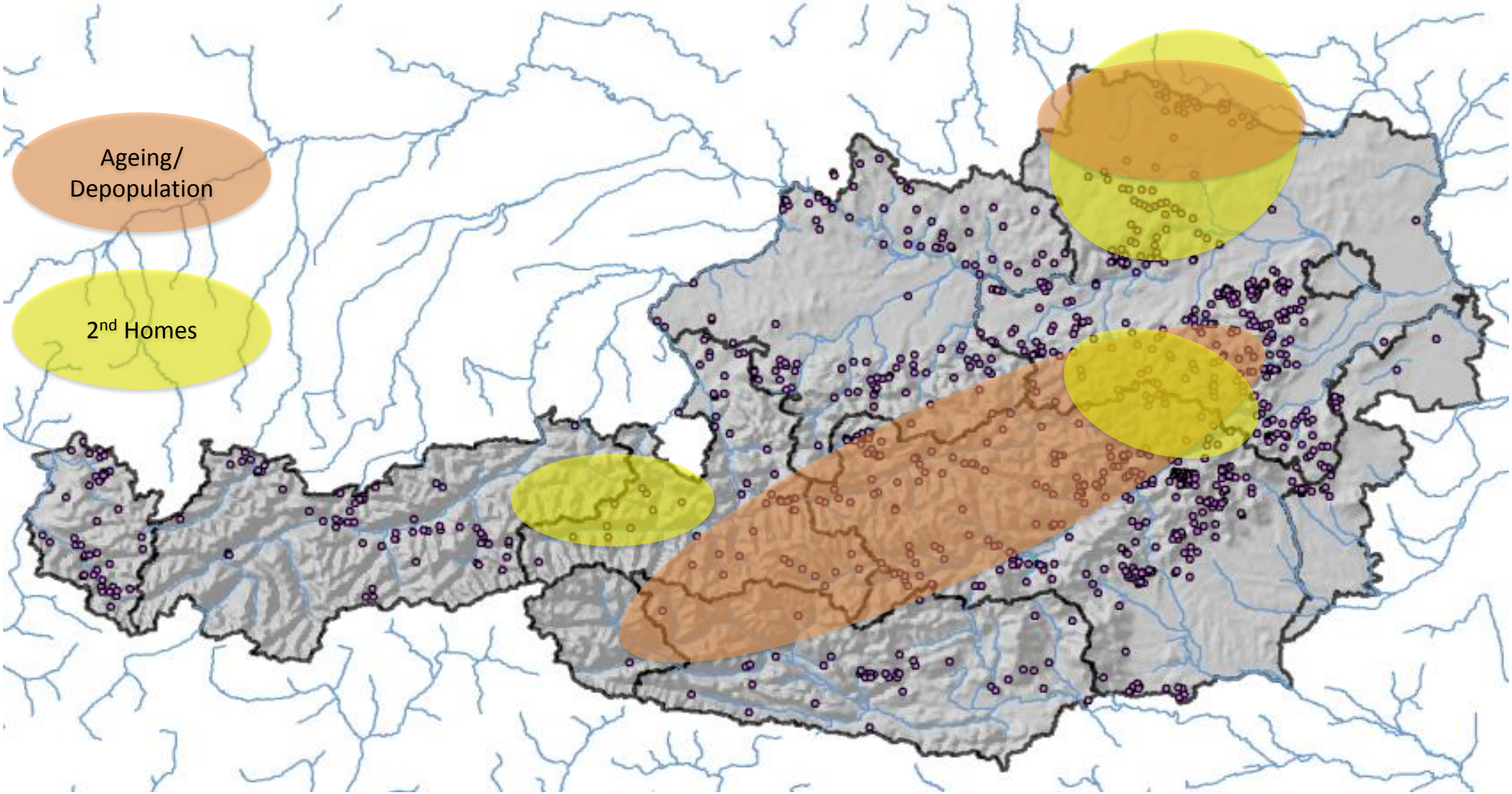


Share of second home owners (2015)



Share of residential working population commuting >50km (2015)



- peripheral areas face ageing and outmigration but are attractive for 2nd home owners
- (peri)urban and western alpine areas are “young, dynamic and international”

Flood events 1980-2017