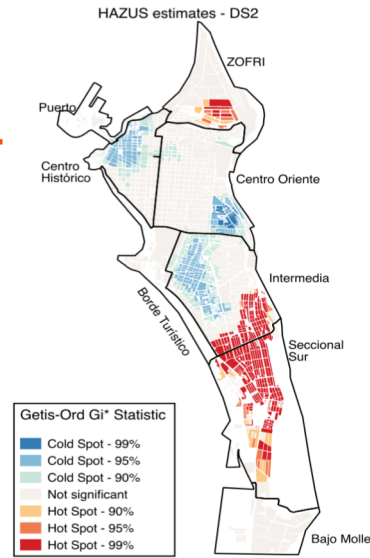


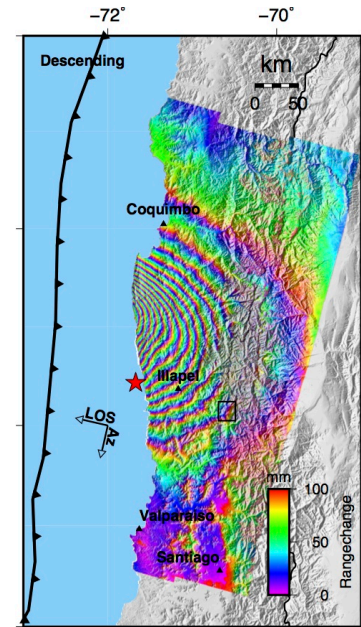


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- Research projects:
 - Damage and risk assessment for extreme event scenarios
 - Integration of in-situ and remote sensing data for multi-hazard exposure modelling
 - Application of satellite remote sensing (multispectral imagery, radar, InSAR) for hazard & exposure modelling, and damage assessment.
 - Generation of synthetic ground motions.
 - Risk and resilience of distributed networks (e.g. emergency healthcare network).

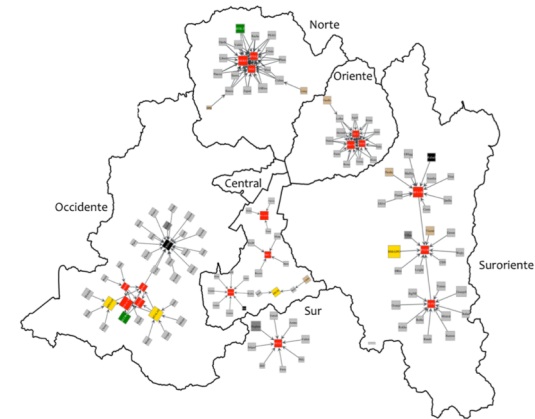


Iquique, Chile



2015 Illapel earthquake

Metropolitan Region - patient derivation map



Emergency healthcare network

- High complexity
- Medium complexity
- Low complexity
- SAPU/SAR



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