

Pacific Resilience Programme

investments to resilience

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Small Island States Resilience Initiative

Effective data and information sharing

Opportunities for Collaboration

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Pacific Resilience Programme
Pacific Community



Open Data Open Software *Champions*



PCRAFI
PACIFIC CATASTROPHE RISK ASSESSMENT & FINANCING INITIATIVE



The next phase of this work looks beyond the catastrophe risk insurance application to targeted DRR for not just the application but also the collection and update of exposure data

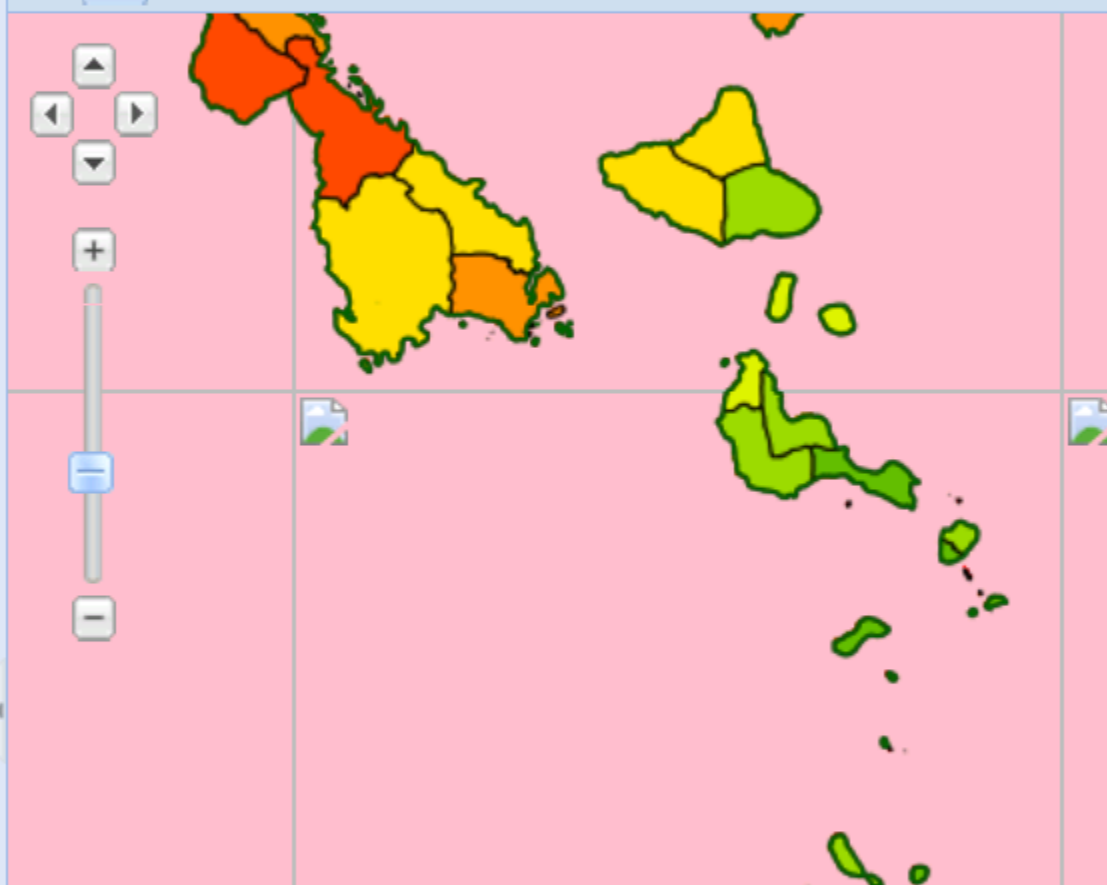
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Layers



Overlays

- ☐ VU_Point_Building_Exposure_Verified
- ☐ VU_Point_Building_Exposure_Modelled
- ☐ VU_Building_Footprints
- ☐ VU_Bridges
- ☐ VU_Enumeration_Area
- ☒ **VU_Island**
 - ☐
- ☒ **VU_Average_Annual_Loss_for_Tropical_Cyclone_**
 - ☒ 0 - 0.1
 - ☐ 0.1 - 0.2
 - ☐ 0.2 - 0.3
 - ☐ 0.3 - 0.5
 - ☐ 0.5 - 0.75



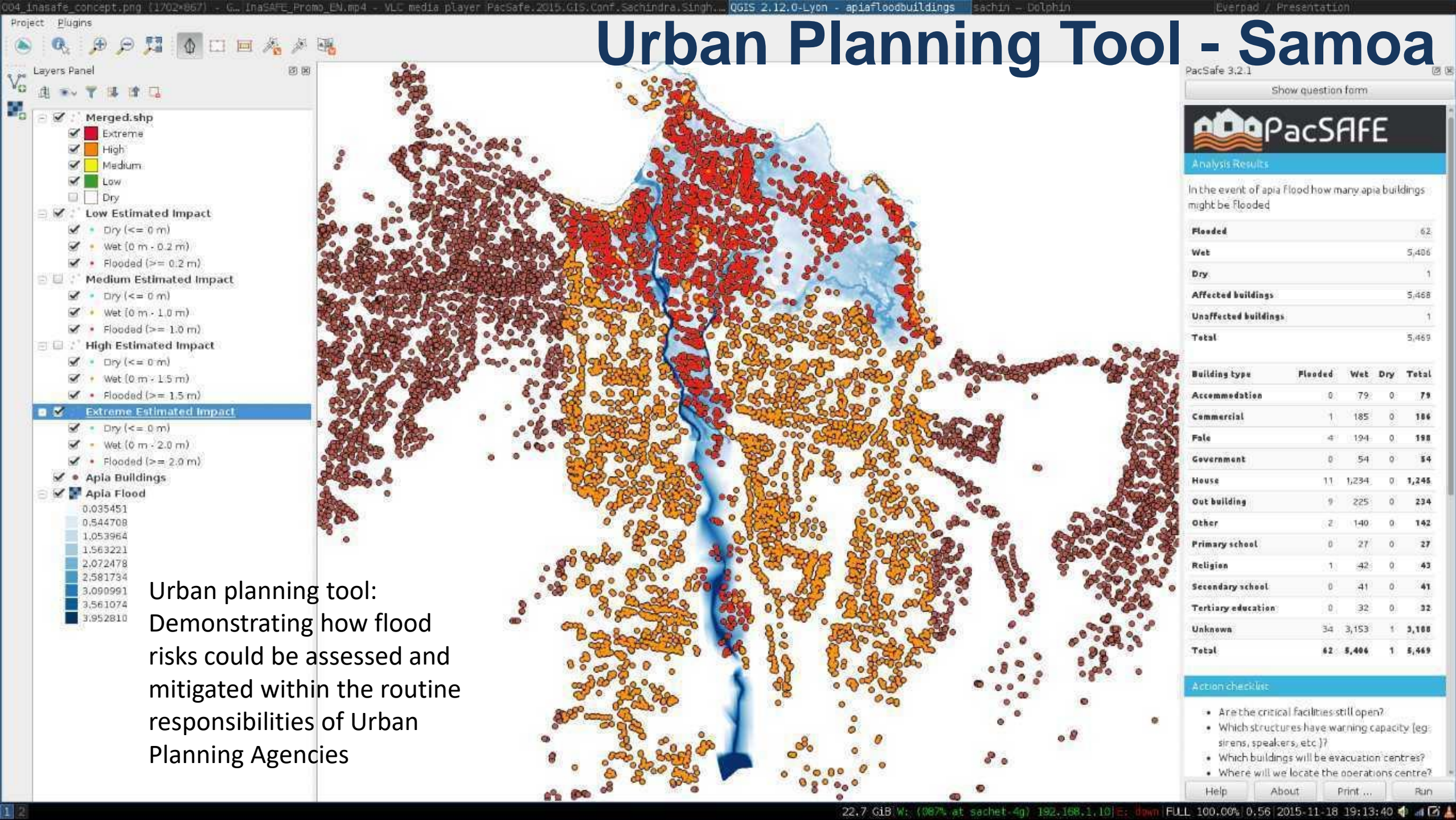
Collaboration of Partners and Countries

Developing & Customising Tools for Planners

- Ongoing projects and initiatives where decision support tools are being developed and tested including for impact forecasting
- **PaRTner**: Pacific Risk Tool for Resilience – open access
- **PacSAFE** - opensource
- **Coastal Innundation Forecasting Demo. Proj.**
 - **Fiji.** Fiji Met. Services, WMO
- **El Nino Recovery Programme – Kiritimati – NZ, GEF**
Ridge to Reef
- **Cyclone Pam Recovery – Vanuatu, Tuvalu**



Urban Planning Tool - Samoa



Urban planning tool:
Demonstrating how flood
risks could be assessed and
mitigated within the routine
responsibilities of Urban
Planning Agencies

Opportunities for Partnerships and Collaboration

NEED FOR: National Meteorological and Hydrological Services and nat. hazard observatories to work in partnership with other government agencies and stakeholders (emergency response, mapping agencies, infrastructure, communications, public)

IMPLIES that the partners involved in the projects are part of this collaboration

- Data sharing between agencies and departments is vital (observation data, demographic, spatial datasets, economic/primary activities) – **MEXICO!**
- Platforms for knowledge sharing and transfer