




Data Needs of the National Disaster Management Office (NDMO) Solomon Islands



Workshop on Geo – DRM systems
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Overview of Presentation

- Functions of the NDMO
- Type of data we currently have
- Type of data we require
- Organisations that may have the data we need
- Problems in accessing and using required data



Functions of the NDMO

First a definition...

Disaster Risk Management (DRM) refers to:

- ❖ Risk reduction
- ❖ Disaster preparedness
- ❖ Disaster response
- ❖ Recovery and rehabilitation



Functions of the NDMO

- Provide advice to the Minister and the Council on all matters relating to DRM
- Develop policy and provide leadership and advocacy across the DRM sector
- Provide planning, and establish arrangements, for DRM at the national level
- Coordinate, support and monitor planning and arrangements for DRM at the sector, provincial and community level



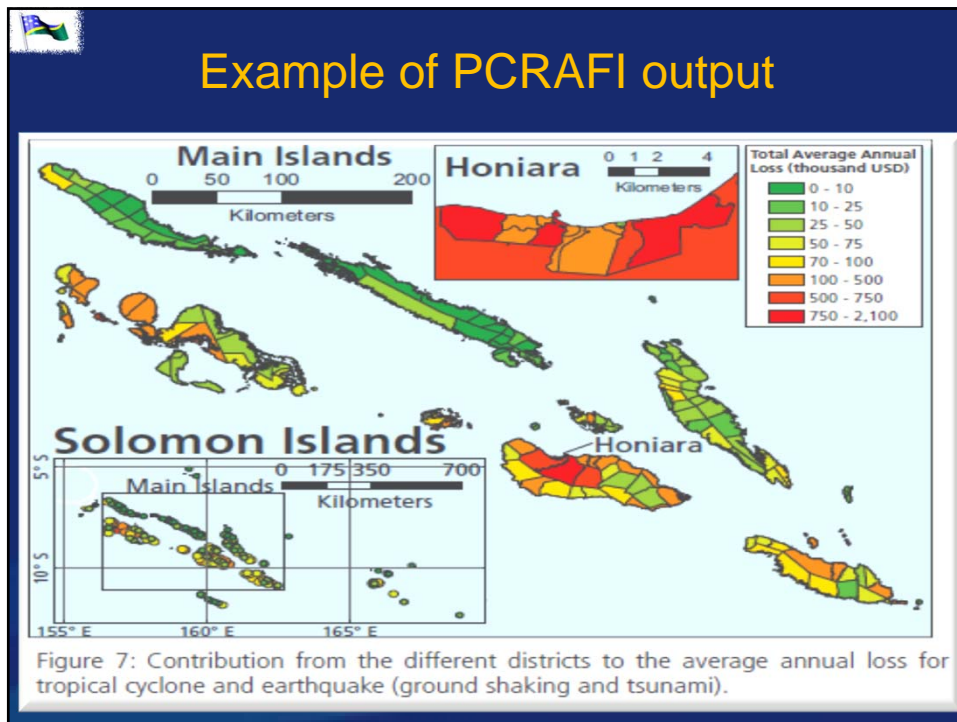
Functions of the NDMO

- Coordinate and manage the national response to and recovery from disaster events when they occur
- Develop and support public awareness of DRM and their role within it
- Engage with partners, NGO's and civil society to ensure their involvement in DRM is effectively integrated with the arrangements of the NDRM Plan
- Establish and maintain databases for DRM information including hazard and vulnerability maps, planning documents and disaster information
- Monitor DRM development and activity and report to Council.



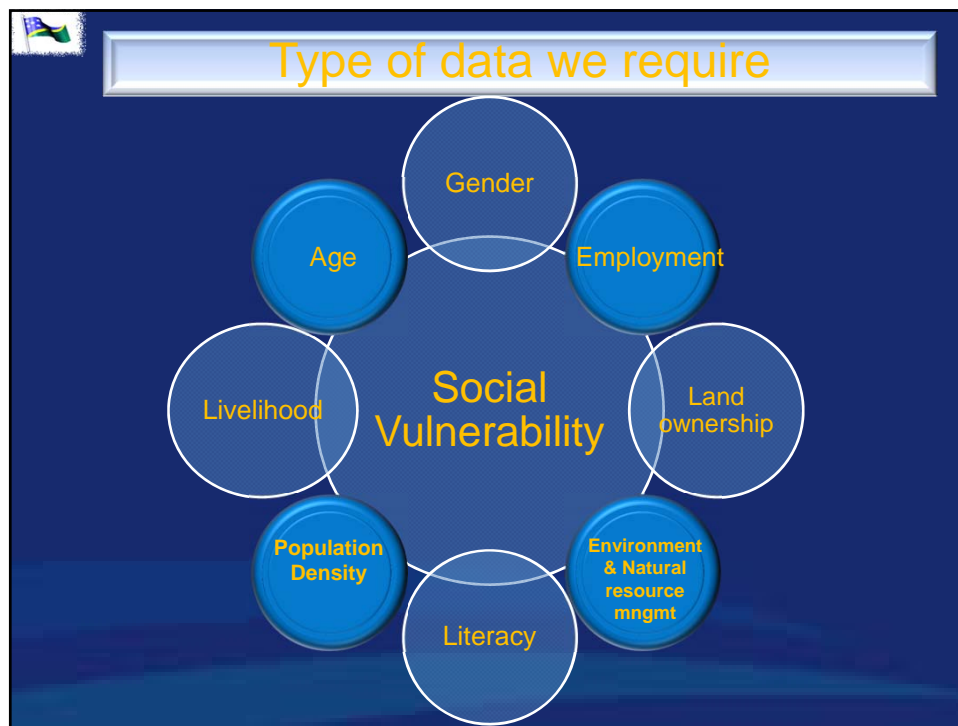
Type of data we currently have

- Historical data of hazard events
- Reports from past disaster response activities
- Topographic maps
- Pacific Catastrophe and Risk Financing Initiative (PCRAFI) data – measuring exposure to cyclone and earthquake hazards and estimating economic losses.



Type of data we require

- Risk = Hazards x Vulnerability
- Vulnerability refers to social factors as much as it does to the physical exposure of buildings or environment
- We need to combine the information we have about physical vulnerability with information that tells us about social vulnerability – *Is there a way to 'marry' data from GIS initiatives with social vulnerability data?*



Type of data we require

This information is important for all aspects of DRM


Some contextual examples:

- **Risk reduction** – knowledge of livelihood strategies and natural resource management is necessary for reducing risk
- **Disaster preparedness** – effective means of delivering key messages shaped by level of literacy and age
- **Disaster response** – population density & gender disaggregated data for delivering appropriate assistance
- **Recovery and rehabilitation** – employment options and land ownership are critical factors




Organisations that may have the data we need

- SIG Ministries (Health, Education, Statistics, Lands, Agriculture, Fisheries, Forestry etc)
- Regional Organisations (SPC/SOPAC, SPREP)
- International NGO's (Red Cross, World Vision, Oxfam, Save the Children, Act for Peace)
- National Civil Society (SIDT, Kastom Gaden, Church groups, Women in Business)
- Donor Organisations (UN, AusAid, NZAid, World Bank, EU, ADB)



Data available for flooding Prone and Tsunami Prone Area



White River

Mataniko River

预览已结束，完整报告链接和二维码如下：

https://www.yunbaogao.cn/report/index/report?reportId=5_6799

