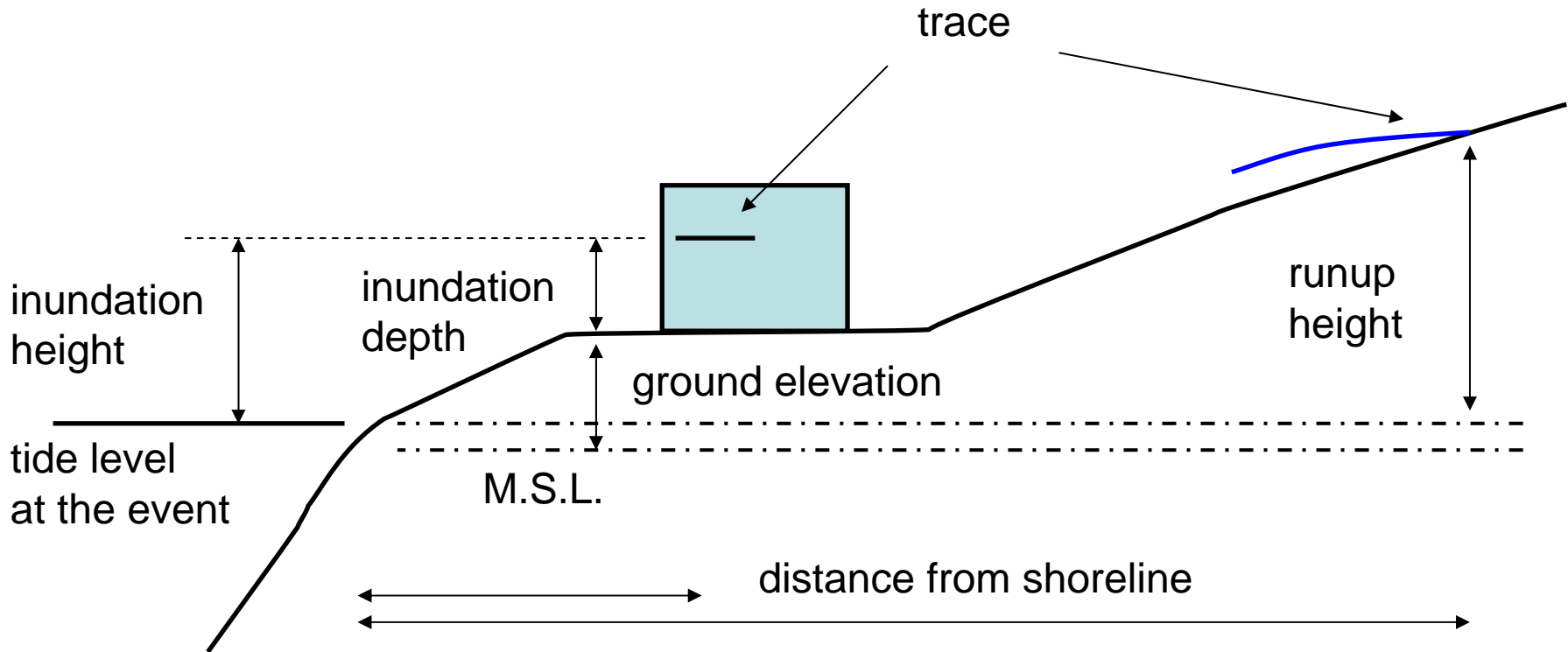


Compiling the Trace Height of Indian Ocean Tsunami

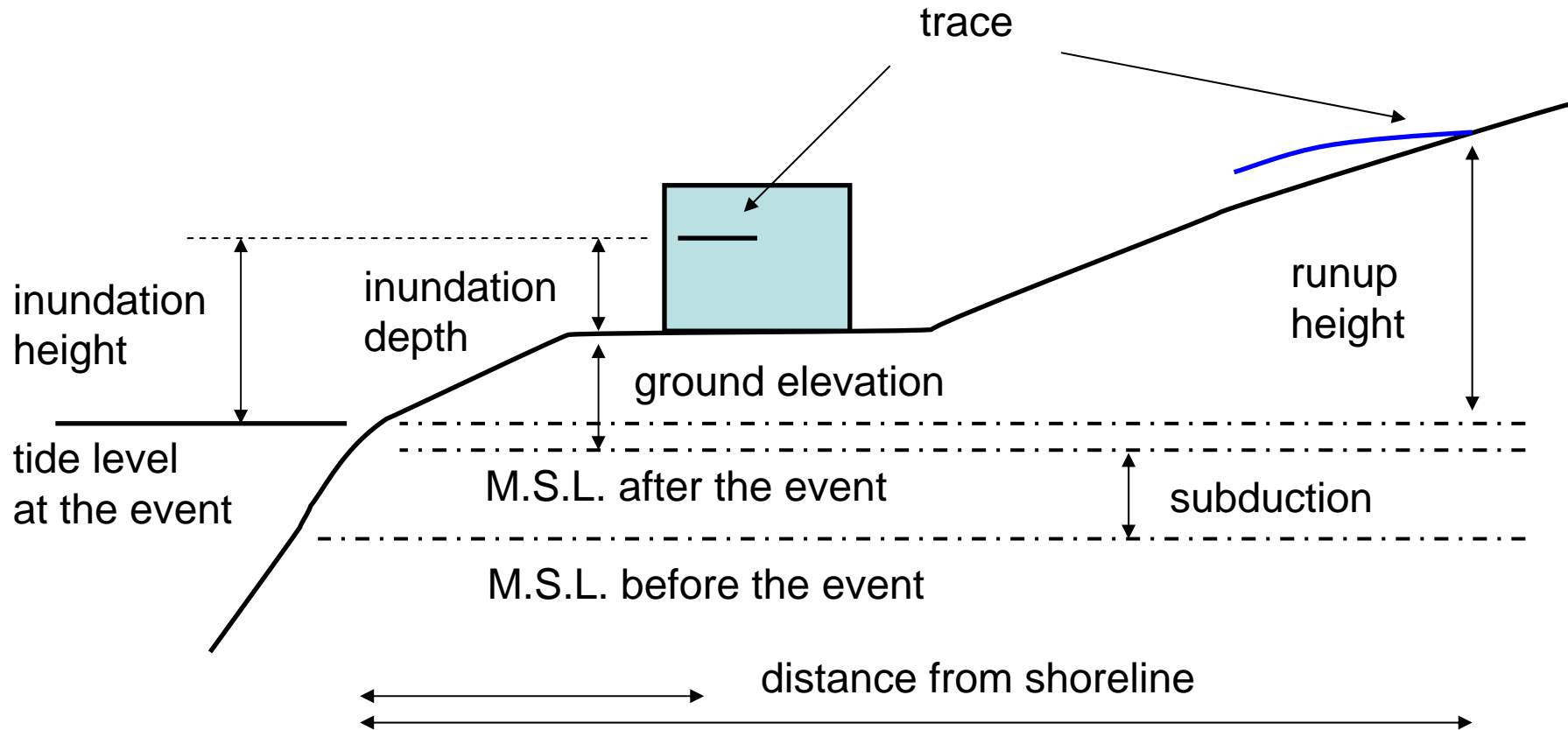
IUGG Tsunami Commission

- IUGG Tsunami Commission requests to all researchers to provide the data of tsunami traces of Indian Ocean Tsunami.
 - Data should be written by the common definition.
 - Document to submit is table and figure. (Relating photo if necessary)
- IUGG Tsunami Commission promises to
 - collect and authorize the data
 - make small-scale maps and large-scale surveyed-area maps
 - distribute them to tsunami community

Definition (without subduction/uplift)



Definition (with subduction/uplift)



How to write table

- Enter the point number, site name (country, region and location name), latitude, longitude, ground elevation, trace height, distance from shoreline, classification (runup or inundation), measurement time, tide at measurement, tide at the event, kind of trace (e.g. tsunami mark on building's side wall, broken branch), note, reliability, measuring person name.
- In Note, enter the situation (if mark on building's wall, is that on ocean side? inland side? or inside?, consistency with other traces, surrounding topography, and so on. Using with topography or map is recommended.
- Reliability definition (following the tradition from 1960 Chilean Tsunami)
 - A: high. Trace is clear, AND, measurement is accurate.
 - B: moderate. Trace is not clear, but reliable water level can be obtained by evident of resident, surrounding situation etc. measurement is accurate.
 - C: low. Even if trace is clear, it is thought as abnormal height. Or else measurement error is large (e.g.) because distance from shoreline is very long.
 - D: lowest. Trace is not clear and distinguishable (e.g.) because of typhoon.
- Tide level is generally described as sea level from M.S.L. But write the information on standard, assumed tsunami arrival time etc. clearly.
- To avoid confusing, add country-code to point number, e.g. TH-23, ID-11. Two or three characters provided in ISO 3316 is used as country code.
 - Indonesia=ID : IDN, Sri Lanka=LK : LKA, Thailand=TH : THA, India=IN : IND, Maldives=MV : MDV

How to draw Figure

- It is recommended to plot on plane map.
 - Trace number should be entered
 - e.g. [TH-12] 5.4
 - If special attention is necessary, add some mark
 - e.g. [ID-15] 7.2 (*)
- If bar graph is used, pay attention to:
 - All data should not be drawn on the same figure, if classification, reliability, distance from coastline are quite different.
 - Pay attention not to hide low trace-height data

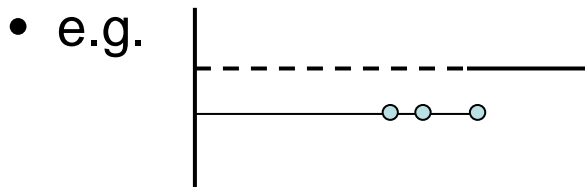


IMAGE of small-scale map

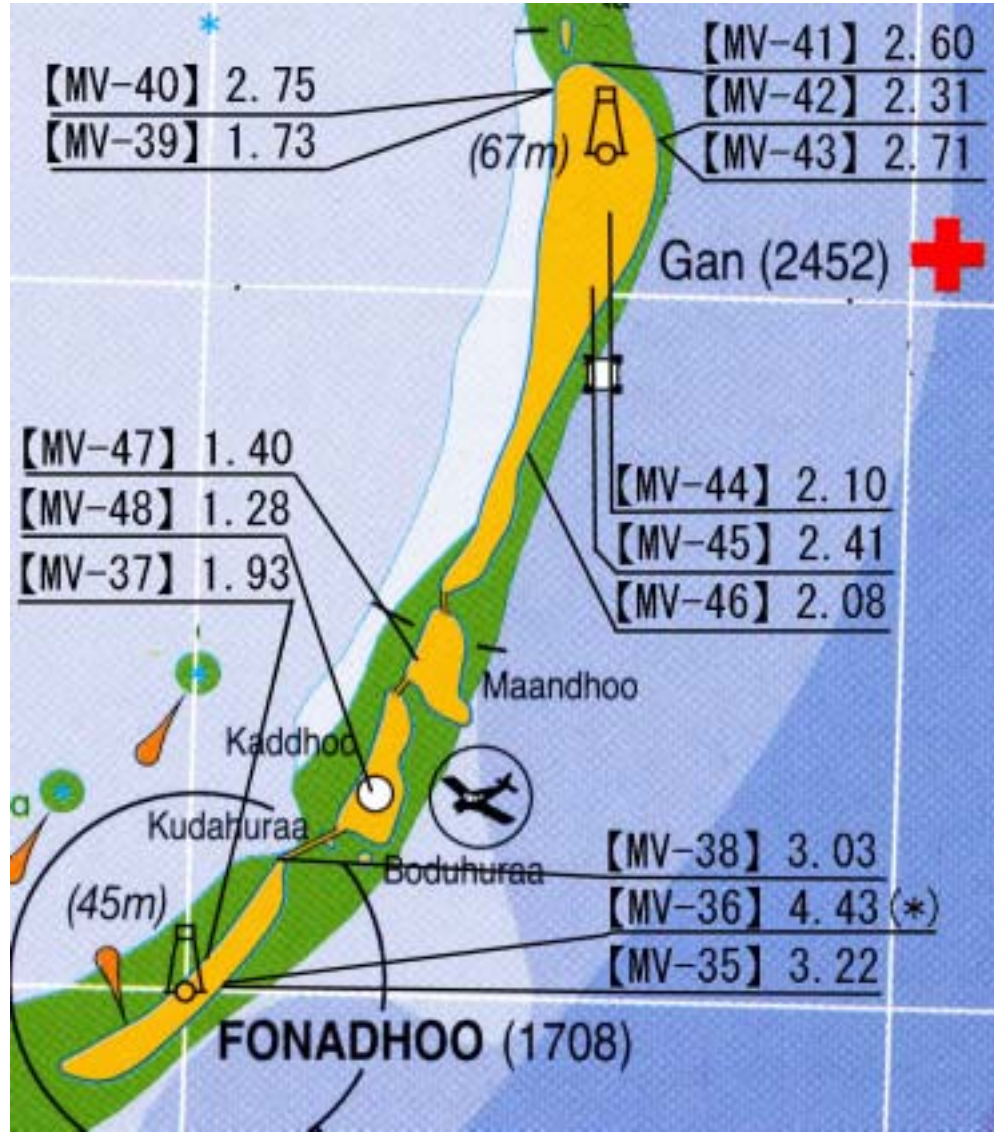
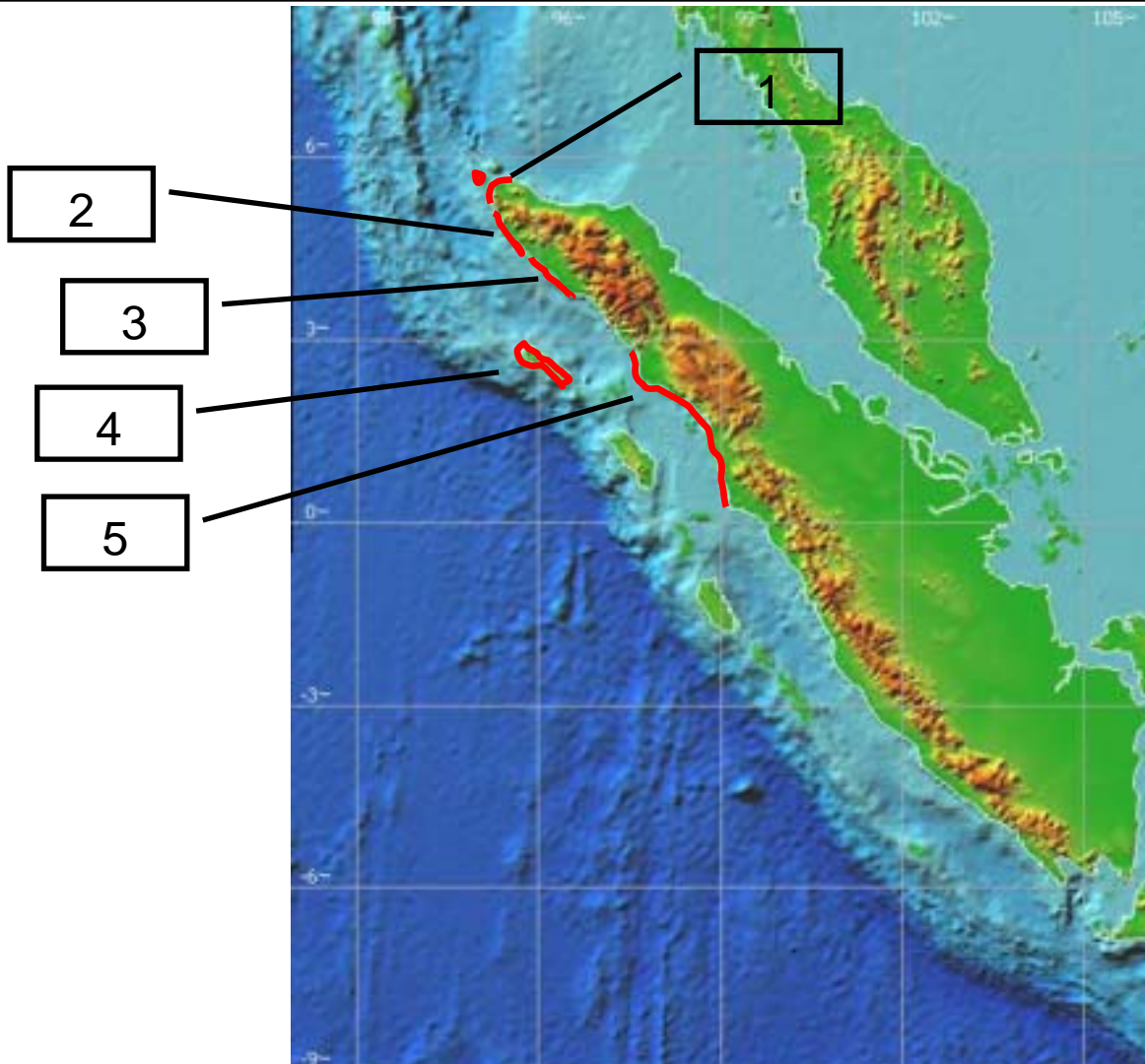


IMAGE of large-scale surveyed-area map



Number 1,2,3,...
corresponds to
small-scale map