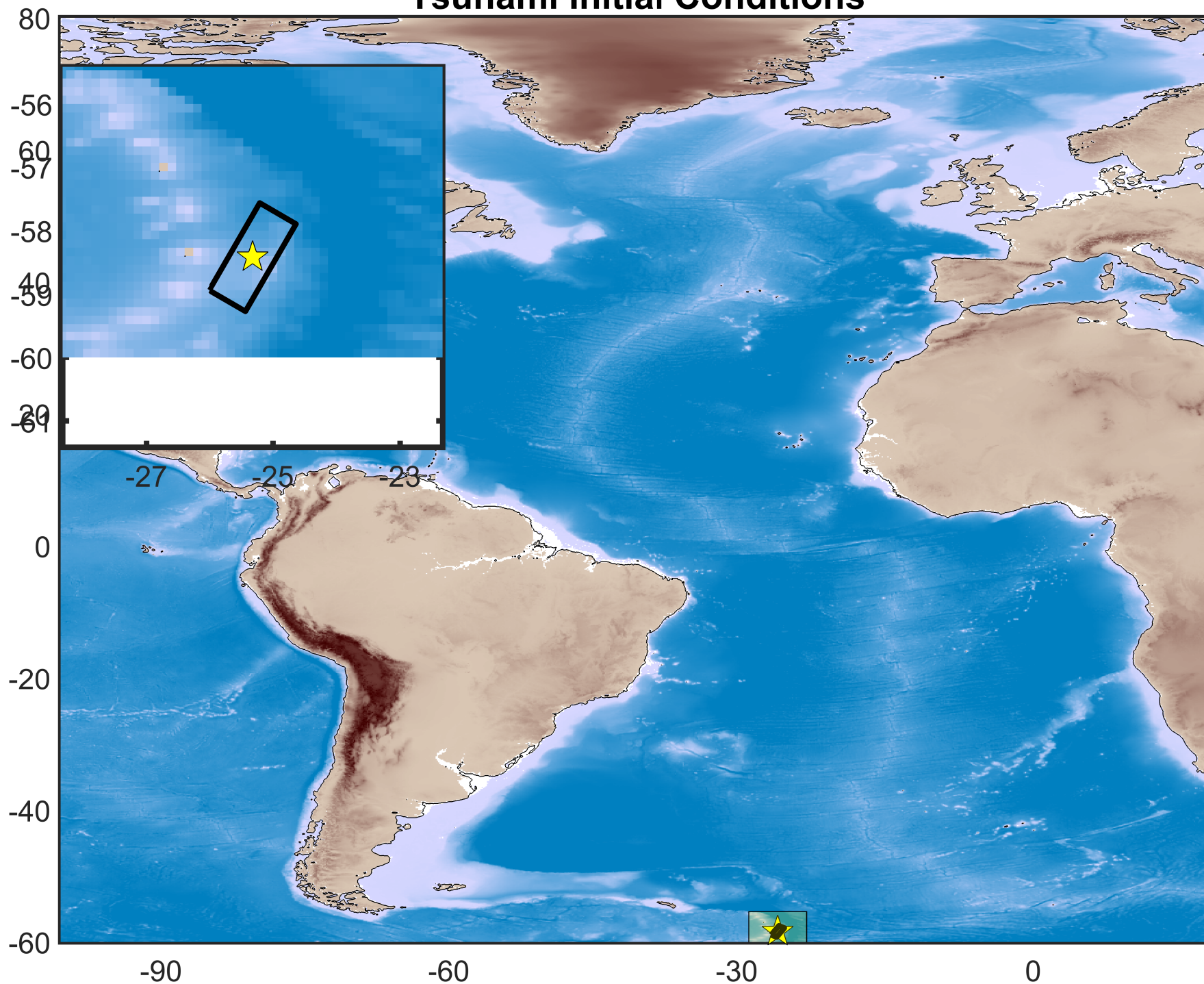


Tsunami Initial Conditions



us6000f53e

EVENT TIME:

2021-08-12 18:36

LOCATION:

South Sandwich Islands region

EPICENTER:

(-59° 35.06' S - 25° 19.24' W)

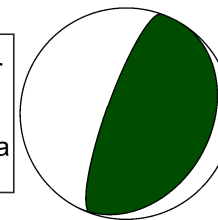
Mw: **8.1**

FOCAL DEPTH: **70.5 Km**

LEGEND

★ Epicenter

□ Fault area



IH-TSUSY (IH Tsunami Simulation System) is a tool developed at IH Cantabria which allows to carry out real time numerical propagation of tsunamis.

The system provides forecast of travel time and maximum wave height along the affected areas.

Trigger parameters provided by U.S. Geological Survey (USGS). Numerical simulations performed with MIRONE (Luis J.F. 2007) for travel times and C3 (Olabarrieta et al., 2011) for wave heights.

