

UNDERSEA FEATURE NAME PROPOSAL

Ocean or Sea: East Sea

Name Proposed: Jeju Valley

Coordinates: A – of midpoint or summit: Lat. 33° 37'N Long. 127° 04'E
19 kilometres in NE direction from Jeju Do ('Do' means island)

B – extremities (if linear feature):

Lat. 33° 42'N to Lat. 33° 01'N
Long. 126° 31'E Long. 127° 39'E

Description (kind of feature): Valley

Identifying or categorizing characteristics (shape, dimensions, total relief, least depth, steepness, etc.):

Jeju Valley is a relatively shallow, wide depression adjacent to the north and eastern sides of Jeju Do. It appears to drain the continental shelf, and it likely did so during the last low-stand of sea level, creating an estuarine environment. The floor of Jeju Valley has a continuous gradient of about 0.05° in the upper section (north of Jeju Do), and about 0.15° in the down-slope region (east of Jeju Do). The width of Jeju Valley is about 30km and the total length is about 150km. The minimum depth is about 100 meters in the upper section and about 165 meters in the down-slope section. The overall total relief is 20 to 30 meters.

Associated features:

Chart reference:

Shown with name on chart No. _____

Shown but not named on chart No. S418 (scale 1:0.5 mln), 101 (1:2 mln) and
217 (1:1.3 mln) Published by Korea

Not shown but within area covered by chart No. _____

Reason for choice of name (if a person, state how associated with the feature to be named):

Jeju Valley lies immediately adjacent to Jeju Island (Jeju Do).

Discovery facts:

Date: [Apr. - Oct. 2003](#) by (ship): [Badaro 1](#)

By means of (equipment): [Multi-Beam Echosounder \(EM-3000, Kongsberg\)](#)

Navigation used: [DGPS \(Trimble DGPS 4000DSi\)](#)

Estimated positional accuracy in nautical miles: [± 0.0027 miles](#)

Description of survey (track spacing, line crossings, grid network, etc.):

[The line spacing of survey tracks was less than 1.5 km.](#)

Nature and repository of other survey activities (dredge samples, cores, magnetics, gravity, photographs, etc.):

[Gravity and magnetic surveys were also conducted.](#)

Supporting material (enclose, if possible, a sketch map of the survey area, profiles of the features, etc., with reference to prior publication, if any):

[See attached bathymetric maps, 3-D image maps, and survey track chart.](#)

Submitted by: [The Korea Committee on Marine Geographical Names, Republic of Korea](#)

Date: [April 25, 2008](#)

Address: [1-17, 7-ga Hang-dong, Jung-gu, Incheon, 400-800, Republic of Korea](#)

[Tel : +82 32 885 3825](#)

[Fax : +82 32 885 3088](#)

Concurred in by (if applicable):

National Authority (if any): [National Oceanographic Research Institute](#)

Address: [1-17, 7-ga Hang-dong, Jung-gu, Incheon, 400-800, Republic of KOREA](#)

[Tel : +82 32 885 3825](#)

[Fax : +82 32 885 3088](#)

Note: this form should be forwarded, when completed:

a) **If the undersea feature is located in territorial waters :-**

to your "National Authority of Undersea Feature Names" or, if this does not exist or is not known, either to the International Hydrographic Bureau or to the Intergovernmental Oceanographic Commission (see addresses below) ;

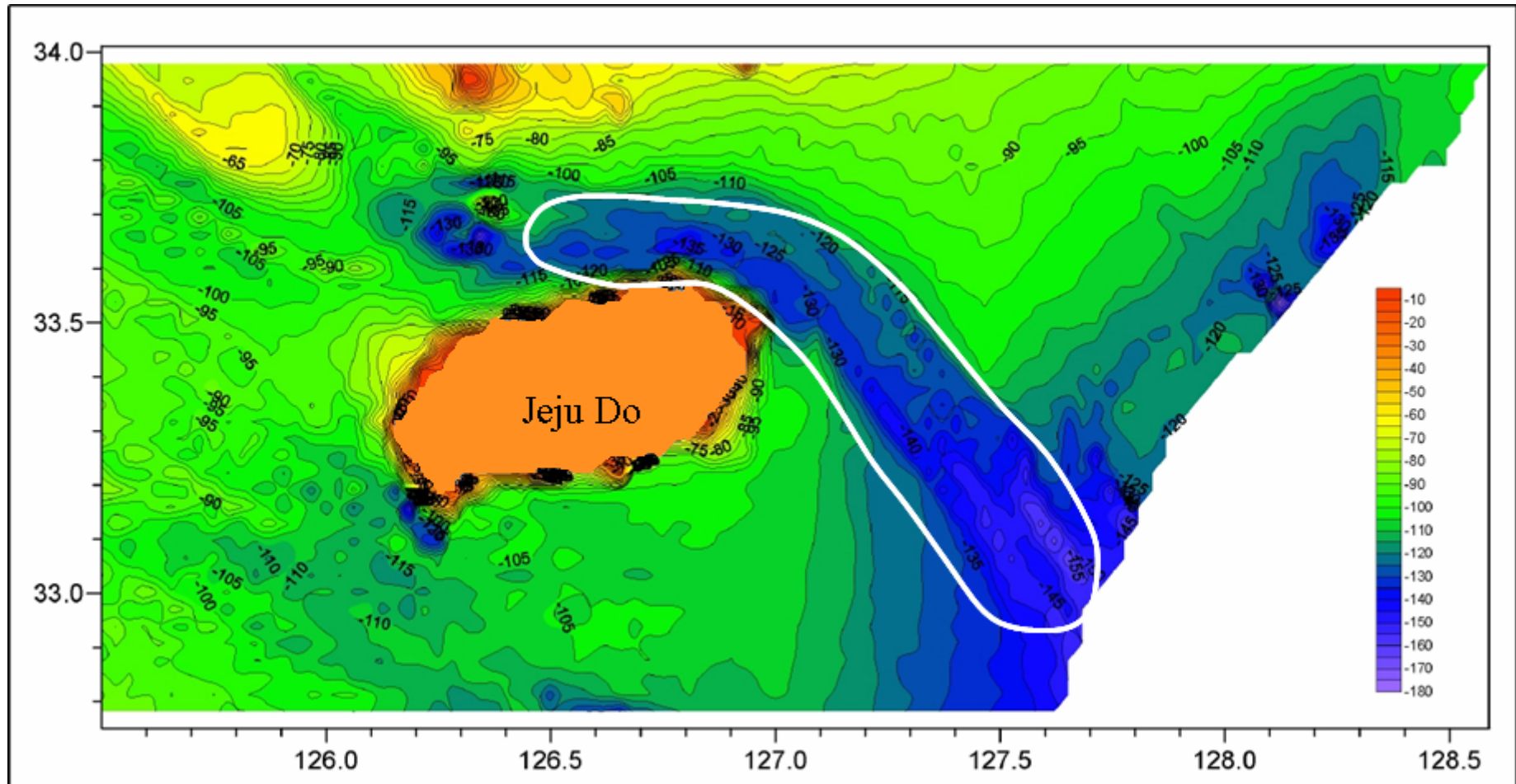
b) If the undersea feature is located in international waters :-

to the International Hydrographic Bureau or to the Intergovernmental Oceanographic Commission, at the following addresses :

International Hydrographic Bureau
4, quai Antoine 1er
B.P. 445
MC 98011 MONACO CEDEX
Principality of MONACO
Fax: +377 93 10 81 40
E-mail: info@ihb.mc

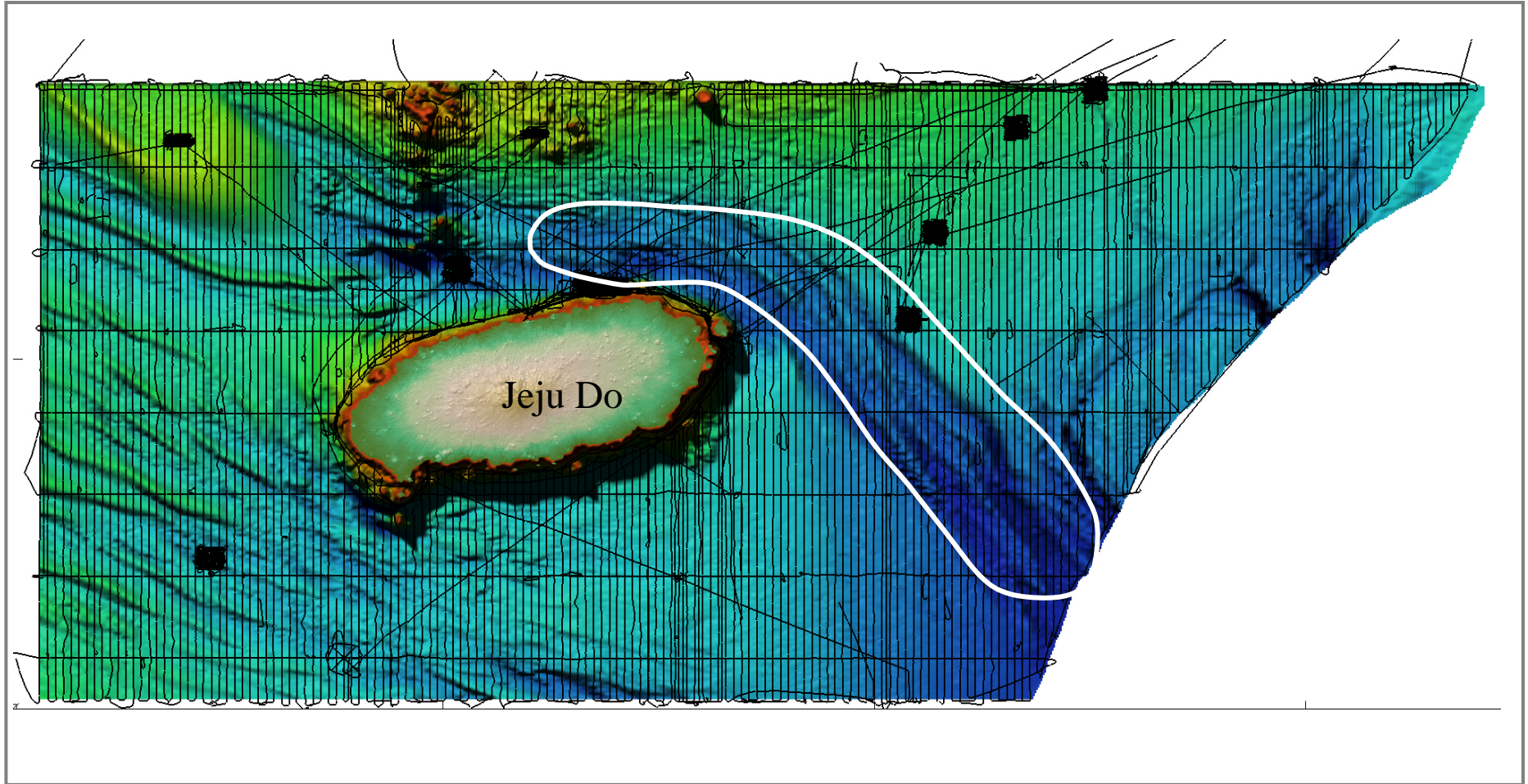
Intergovernmental Oceanographic Commission
UNESCO
Place de Fontenoy
75700 PARIS
FRANCE
Fax: +33 1 45 68 58 12
E-mail: info@unesco.org

Jeju Valley



Bathymetric contour map of Jeju Valley(Contour interval : 5 m)

Jeju Valley



The track lines in survey area

Jeju Valley

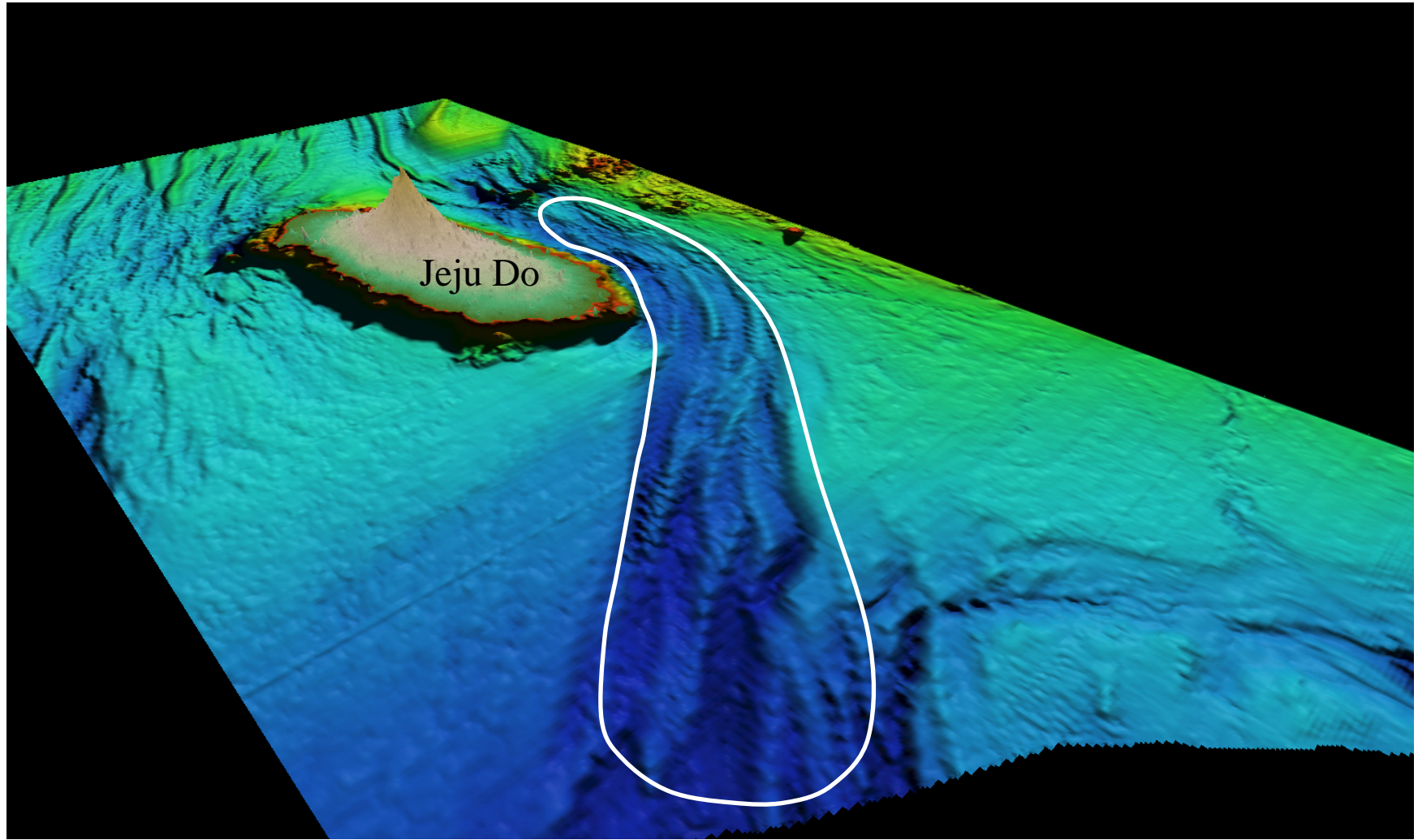


Image map of Jeju Valley

Jeju Valley

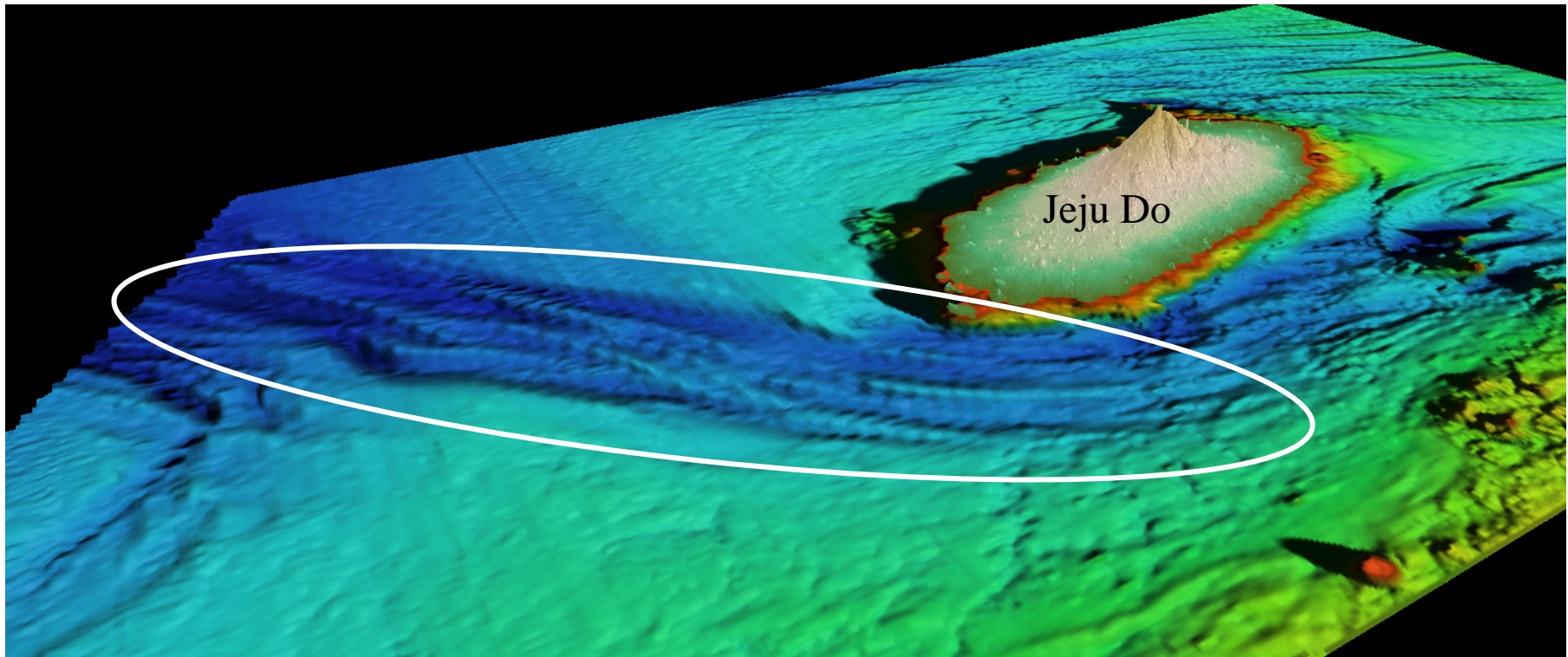


Image map of Jeju Valley

Jeju Valley

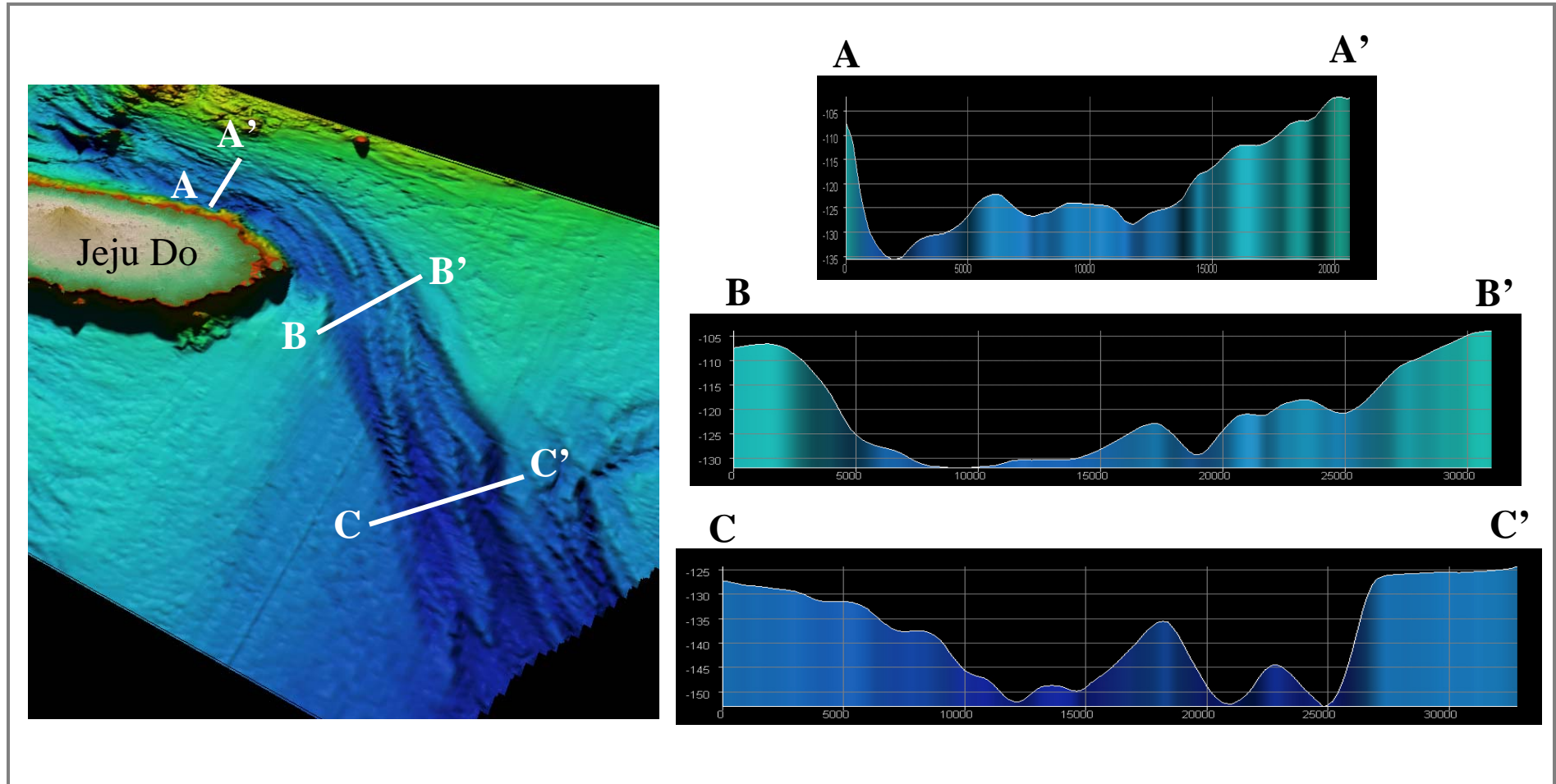


Image map and profile across Jeju Valley