

Supplementary Information for
An efficient coral survey method based on a large-scale 3-D structure
model obtained by Speedy Sea Scanner and U-Net segmentation

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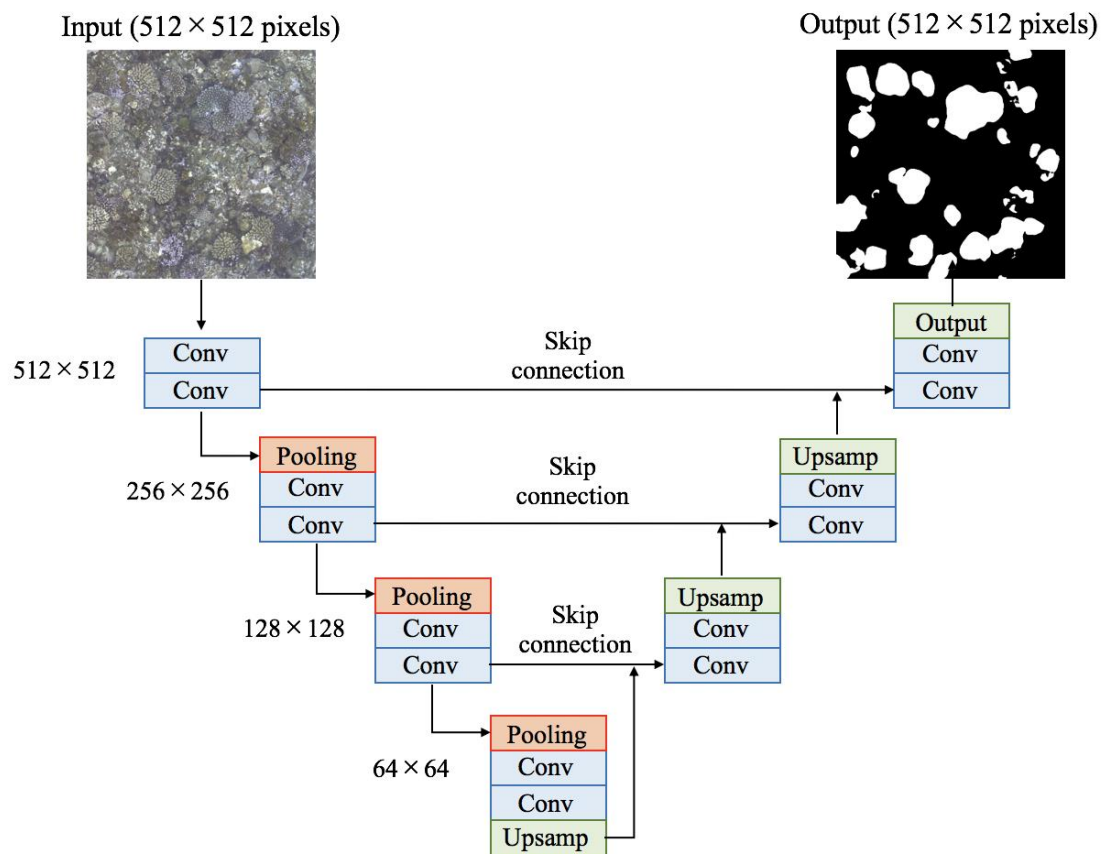
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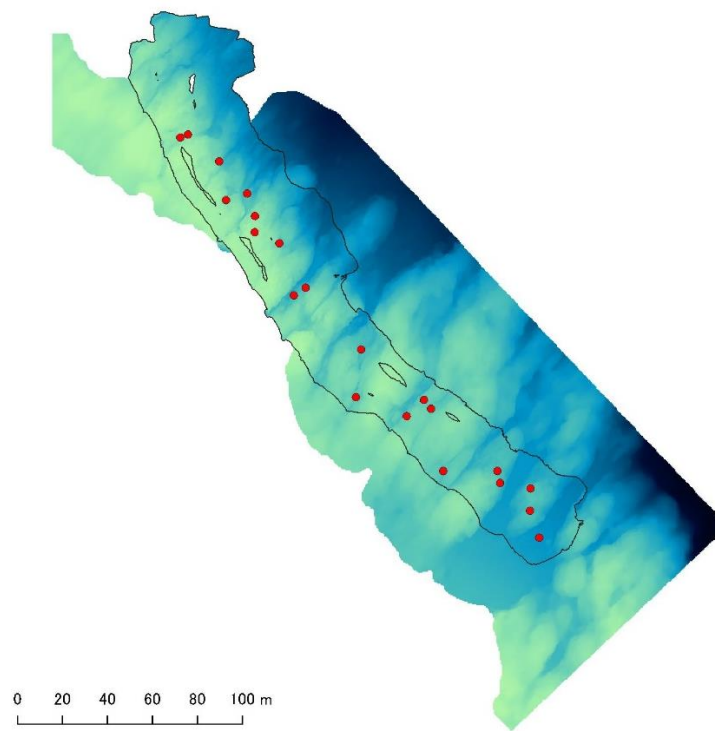
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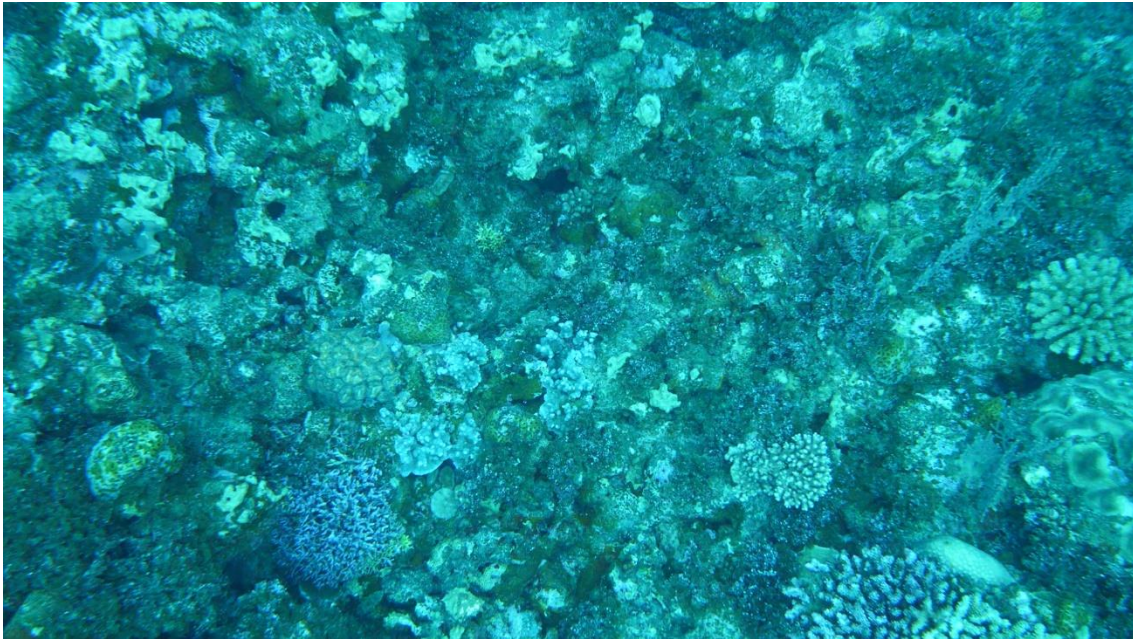
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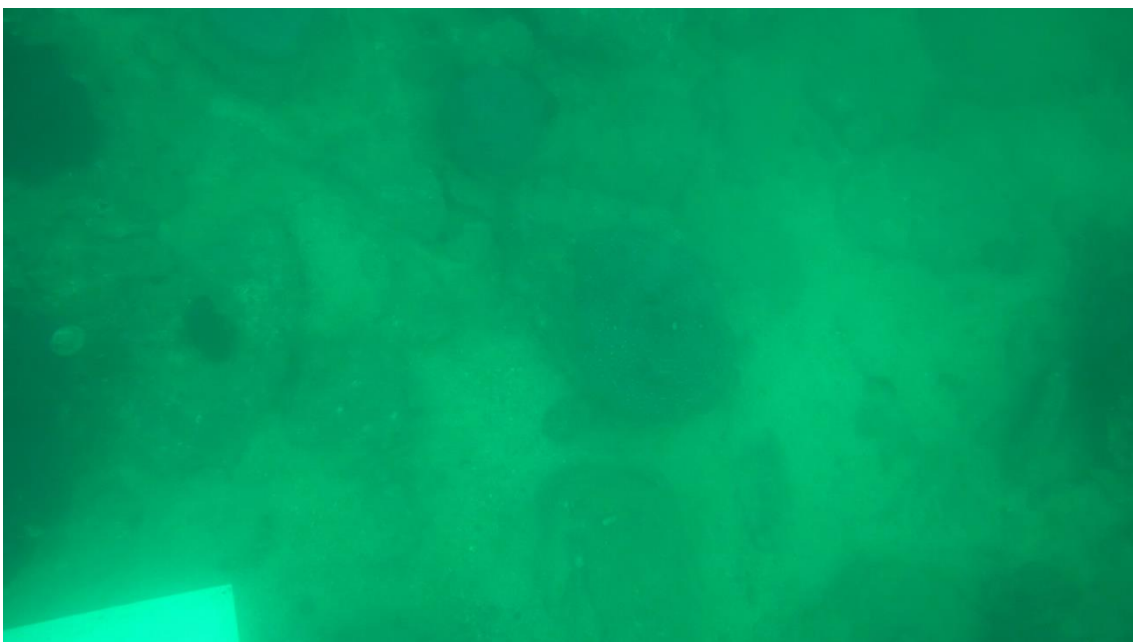
Supplementary Fig. S1. Overview of the U-Net-based coral prediction network.



Supplementary Fig. S2. The locations of GCPs on the DEM.



(a) RAW image captured in the present survey (at the coast of Kumejima) with 3 m altitude at 20 water depth.



(b) RAW image captured in the past survey (at the coast of Kujuku islands) with 3 m altitude at 20 water depth

Supplementary Fig. S3. Raw images captured in (a) the present survey (at the coast of Kumejima) and (b) the past survey (at the coast of Kujuku islands).