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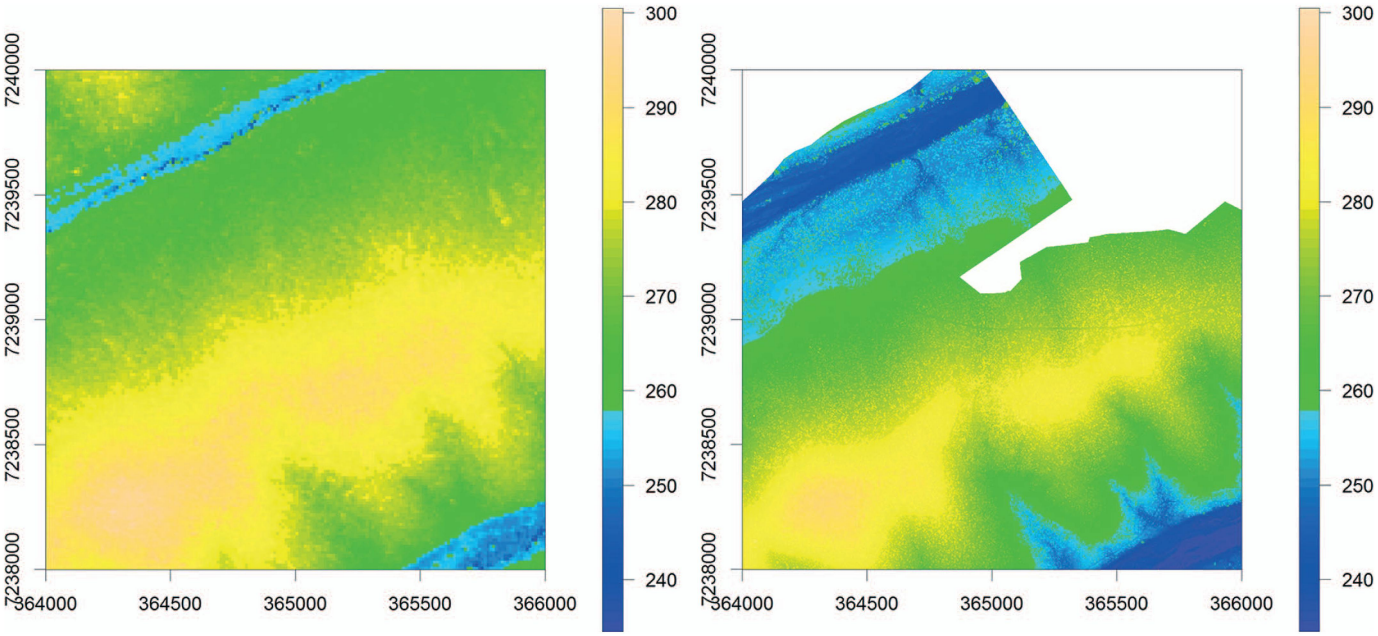

(Left) Tandem-X intermediate DEM over Sabie Sands Peninsula in Kruger National Park, South Africa. (Right) Last return height from airborne LiDAR. Units are in meters.

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About the Cover: The TanDEM-X mission is providing a global digital elevation model (DEM) from a bistatic satellite constellation using synthetic aperture radar (SAR) interferometry. Two radar satellites are mapping the Earth aiming for an absolute height error of <10 m and a relative height error of <2 m for 90% of the elevation data. An intermediate DEM (IDEM) with reduced accuracy was produced from the first coverage. The figure shows a validation of the IDEM product with airborne LiDAR over a savanna site on Sabie Sands Peninsula in Kruger National Park, South Africa. (Left) Tandem-X intermediate Digital Elevation Model (IDEM). (Right) Last return height from airborne LiDAR. Units are in meters. For more information please see "Validation of the TanDEM-X Intermediate Digital Elevation Model With Airborne LiDAR and Differential GNSS in Kruger National Park," by Balzter *et al.*, which begins on page 277.