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Titolo	Reef-Platform Coral Boulders : Evidence for High-Energy Marine Inundation Events on Tropical Coastlines / / by James P Terry, A Y Annie Lau, Samuel Etienne
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Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Coastal Boulders: Introduction and Scope -- Historical review and changing terminology -- The Scientific Value of Reef-Platform Boulders for Interpreting Coastal Hazards -- Uncertainties and Continuing Challenges with Interpreting Coastal Boulders -- Case Study: Coastal Boulder Fields on Taveuni Island Coasts, Fiji -- Outlook for Boulder Studies Within Tropical Geomorphology and Coastal Research.
Sommario/riassunto	The primary goal here is to present a treatise on the significance and value of coarse clastic carbonate sediments (i.e. large coral boulders) on tropical coastlines for understanding both modern and pre-historical (Holocene) high-magnitude marine inundation events. There has been a rapid groundswell of interest in large carbonate blocks on tropical coasts over the last decade, yet it is not widely appreciated that such features were observed and recorded back in the early explorations of Matthew Flinders on the Great Barrier Reef in the 1800s. This book will illuminate how various characteristics of datable

carbonate blocks torn up from coral reefs and deposited on reef platforms yield important evidence about the storms and tsunamis that emplaced them over decadal and centennial timescales. No comprehensive review has so far been published. A need now exists for a 'definitive reference' on coral boulder research, which details the earliest observations, changing terminology, sedimentology, and relevance for coastal hazard research in the tropics. A wide range of examples will be incorporated from across Asia, Australia, the Pacific and the Americas, as well as a full up-to-date review of the existing literature.
