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Researcher Receives \$150,000 Grant from NASA

Orange, Calif., June 11, 2010 -- Eyal Amitai, associate professor in Chapman University's Schmid College of Science, School of Earth and Environmental Sciences, was awarded a grant on June 7, 2010 from NASA in response to an unsolicited proposal for a project entitled, "Verifying Satellite Precipitation Estimates and Supporting Satellite Algorithm Development with NOAA Q2." Comparisons of the Tropical Rainfall Measuring Mission satellite (known as TRMM) and ground-based estimates of rain-rate show significant discrepancies for some overpasses. A major objective of the proposed research is to identify and understand the sources of these large discrepancies in order to improve satellite algorithms and products. The award (NASA NNX10AK46G) is in the amount of \$150K for a period of 18 months, including \$41K in support of facilities and administrative costs.