

Biography:

- > Dr. Essam Heggy is a Research Scientist at the NASA Jet Propulsion
- > Laboratory and a Visiting Associate in Geology at the Geological and
- > Planetary Science Department in the California Institute of
- > Technology.
- > Heggy obtained a bachelor degree from the astronomy department at the
- > Cairo University, Egypt, with distinguished honor in 1997, then
- > received
- > both Master and Ph.D. in astronomy and planetary science respectively
- > in
- > 1999 and 2002 also with a distinguished honors from the Paris VI
- > University in France. Before joining JPL, He was a visiting Scientist
- > at
- > the Lunar and Planetary Institute and associate professor at the
- > Institute de physique du Globe in Paris. Heggy's main interest in
- > planetary geophysics covers Mars, the Moon, icy satellites and Near
- > Earth
- > Objects. His research at JPL involves probing structural hydrological
- > and
- > volcanic elements in terrestrial and planetary environments using
- > different types of radar imaging and sounding techniques as well as
- > measuring the electromagnetic properties of rocks in the radar
- > frequency
- > range.