

EDITORIAL

Open Access

Evolution of the earth – moon system

Murthy S Gudipati^{1,2}

Correspondence:

pseditorinchief@gmail.com

¹Jet Propulsion Laboratory,
California Institute of Technology,
Pasadena, CA 91109, USA

²Institute for Physical Sciences and
Technology, University of Maryland,
College Park, MD 20742, USA

Due to a glitch in the editorial process, the manuscript by Riofrio “Calculation of lunar orbit anomaly” (Riofrio, L., *Planetary Science* 2012, 1:1) was accepted for publication before the reviewing process was complete.

Post-publication reviews revealed that the observed Earth-Moon distance increase by ~3.82 cm/yr derived using Lunar Laser Ranging (LLR) has already been dealt with in the literature without having to assume any new fundamental physics like a cosmological variation of the speed of light as hypothesized by Riofrio in the above-cited publication.

The following new article “The Past and Present Earth-Moon System: the Speed of Light Stays Steady as Tides Evolve” by James G Williams, Slava G Turyshev, and Dale H Boggs, *Planetary Sciences* 2014, 3:2, addresses the issue of Earth-Moon distance variations again in a greater detail and confirms that no changes in fundamental physics are necessary to explain the observations.

Dr. Murthy S. Gudipati
Editor-in-Chief, Planetary Sciences

Received: 10 January 2014 Accepted: 14 January 2014

Published online: 04 April 2014

doi:10.1186/s13535-014-0001-6

Cite this article as: Gudipati: Evolution of the earth – moon system. *Planetary Science* 2014 3:1.

Submit your manuscript to a SpringerOpen[®] journal and benefit from:

- ▶ Convenient online submission
- ▶ Rigorous peer review
- ▶ Immediate publication on acceptance
- ▶ Open access: articles freely available online
- ▶ High visibility within the field
- ▶ Retaining the copyright to your article

Submit your next manuscript at ▶ springeropen.com