Lunar Science Book, Chapter 2: Generation of the Moon

(月科学サイエンスブックの2章:月誕生)

Morota Tomokatsu¹, Satoru Yamamoto² and Yoshiko Ogawa³

¹Graduate School of Environmental Studies, Nagoya University Furo-cho, Chikusa-ku, Nagoya-shi, Aichi-ken, 464-8601 Japan
²Center for Global Environmental Research, National Institute for Environmental Studies 16-2 Onogawa, Tsukuba, Ibaraki 305-8506 Japan ³CAIST/ARC-Space, The University of Aizu Tsuruga, Ikki-machi, Aizu-Wakamatsu-shi, Fukushima- ken, 965-8580 Japan

ABSTRACT

We are now preparing for editing the lunar science book. The book presents what we know about the Moon based on the latest data from the lunar explorations. In this talk, we introduce our plan for Chapter 2 "Generation of the Moon" of the book. The contents of Chapter 2 include: Origin of the Moon, impact phenomena, materials for forming planetary bodies including precursor materials of life, transfer and distribution of the elements on/near the Moon.