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### Development of Cloud and Aerosol Retrieval Algorithms for the Earth Radiation Budget Mission

[Takashi Y. NAKAJIMA](#)<sup>1)</sup>, [Akiko HIGURASHI](#)<sup>2)</sup>, [Teruyuki NAKAFUKUDA](#)<sup>3)</sup> and [Shuichiro KATAGIRI](#)<sup>4)</sup>

- 1) Research and Information Center, Tokai University
- 2) National Institute for Environmental Studies
- 3) Center for Climate System Research, The University of Tokyo
- 4) Japan Aerospace Exploration Agency, Earth Observation Research Center

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#### Abstract

This paper introduces algorithm development strategies for the ADI atmospheric mission, and presents the flow chart and the principle of the GLI science mission, which operated between 1996 and 2008, and the investigators and co-investigators of the atmospheric discipline were

improving algorithms which distinguish cloudy from clear pixels on ( cloud and aerosol properties, retrieve the amount of precipitable wa radiation budget from GLI multispectral radiance data in collaborati managed by JAXA EORC. Despite the short lifetime of the GLI pro results in the atmospheric discipline were obtained from GLI multisp using the algorithms we developed. This legacy will be applied in fu observing missions in next decade.

Keywords: [ADEOS-II](#), [Global Imager \(GLI\)](#), [Cloud properties](#), [A Algorithm development](#), [Signal simulation](#)

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