

Nitrogen and sulfur isotope analyses of river water in the Northwestern Chiba Prefecture

MURAMATSU, Yoichi^{1*}, FUKUMOTO, Aki¹, CHIBA, Hitoshi²

¹Faculty of Science and Technology, Tokyo University of Science, ²Department of Earth Science, Okayama University

To identify anthropogenic sources of nitrogen in the river waters in the northwestern Chiba Prefecture, stable isotope composition of nitrogen and sulfur as well as nitrate concentration were determined.

Keywords: nitrogen pollution, nitrogen isotope, sulfur isotope, river water, Tone canal