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## **Correspondence**

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## **Education**

- 1998: B. Sci., Department of Earth and Planetary Sciences, Nagoya University, Japan
- 2000: M. Sci., Department of Earth and Planetary Sciences, Nagoya University, Japan
- 2005: Ph.D. (Science), Graduate School of Environmental Studies, Nagoya University, Japan

## **Areas of Expertise**

- Sedimentology (siliciclastics)
- Sedimentary Geology
- Marine Geology
- Basin analysis
- Geomorphology

## **Research Experiences**

- 2004–Present: Researcher, Institute Geology and Geoinformation, Geological Survey of Japan, AIST.
- 2000–2004: Researcher, Marine Geology Department, Geological Survey of Japan, AIST.

## Publications

### Papers in refereed journals

- **Noda, A.** and TuZino, T., 2010, Shelf–slope sedimentation during the late Quaternary on the southwestern Kuril forearc margin, northern Japan. *Sedimentary Geology*, vol. 232 (1–2), p. 35–51, doi: 10.1016/j.sedgeo.2010.09.008.
- **Noda, A.**, Toshimitsu, S., Kurihara, T. and Iwano, H., 2010, Stratigraphy and depositional age of the Izumi Group, Niihama area, central Shikoku, Japan. *Journal of the Geological Society of Japan*, vol. 116 (2), p. 99–113, (in Japanese with English abstract).
- Ohta, A., Imai, N., Terashima, S., Tachibana, Y., Ikehara, K., Katayama, H. and **Noda, A.**, 2010, Factors controlling regional spatial distribution of 53 elements in coastal sea sediments in northern Japan: Comparison of geochemical data derived from stream and marine sediments. *Applied Geochemistry*, vol. 25 (3), p. 357–376, doi: 10.1016/j.apgeochem.2009.12.003.
- TuZino, T. and **Noda, A.**, 2010, Architecture and Evolution of the Kushiro Submarine Canyon in the Kurile Trench Forearc Slope, Northwestern Pacific. *Sedimentology*, vol. 57 (2), p. 611–641, doi: 10.1111/j.1365-3091.2009.01107.x.
- **Noda, A.** and Toshimitsu, S., 2009, Backward stacking of submarine channel-fan successions controlled by strike-slip faulting: the Izumi Group (Cretaceous), southwest Japan. *Lithosphere*, vol. 1 (1), p.41–59, doi: 10.1130/L19.1.
- **Noda, A.**, TuZino, T., Kanai, Y., Furukawa, R., and Uchida, J., 2008, Paleoseismicity along the southern Kuril Trench deduced from submarine-fan turbidites. *Marine Geology*, vol. 254 (1–2), p. 73–90, doi: 10.1016/j.margeo.2008.05.015.
- **Noda, A.**, TuZino, T., Furukawa, R., Uchida, J., and Joshima, M., 2008, Physiographical and sedimentological characteristics of submarine canyons developed upon an active forearc slope: the Kushiro Submarine Canyon, northern Japan. *Geological Society of America Bulletin*, vol. 120 (5/6), p. 750–767, doi: 10.1130/B26155.1.
- **Noda, A.** and TuZino, T., 2007, Characteristics of sediments and their dispersal systems along the shelf and slope of an active forearc margin, eastern Hokkaido, northern Japan. *Sedimentary Geology*, vol. 201 (3–4), p. 341–364, doi: 10.1016/j.sedgeo.2007.07.002.
- **Noda, A.**, Katayama, H., Sagayama, T., Suga, K., Uchida, Y., Satake, K., Abe, K., and Okamura, Y., 2007, Evaluation of tsunami impacts on shallow marine sediments: an example from the tsunami caused by the 2003 Tokachi-oki earthquake, northern Japan. *Sedimentary Geology*, vol. 200 (3–4), p. 314–327, doi: 10.1016/j.sedgeo.2007.01.010.
- TuZino, T. and **Noda, A.**, 2007, Tectonic control over topography and channel sedimentation across the forearc slope of the southern Kurile Trench. *Geo-Marine Letters*, vol. 27 (1), p. 1–11, doi: 10.1007/s00367-006-0037-z.

- Usui, T., Nagao, S., Yamamoto, M., Suzuki, K., Kudo, I., Montani, S., **Noda, A.**, Minagawa, M., 2006, Distribution and sources of organic matter in surficial sediments on the shelf and slope off Tokachi, western North Pacific, inferred from C and N stable isotopes and C/N ratios. *Marine Chemistry*, vol. 98, 241–259, doi: 10.1016/j.marchem.2005.10.002.
- **Noda, A.**, 2005, Texture and petrology of modern river, beach and shelf sands in a volcanic back-arc setting, northeastern Japan. *The Island Arc*, vol. 14, p. 687–707, doi: 10.1111/j.1440-1738.2005.00477.x.
- Nagao, S., Usui, T., Yamamoto, M., Minagawa, M., Iwatsuki, T., and **Noda, A.**, 2005, Combined use of  $\Delta^{14}\text{C}$  and  $\delta^{13}\text{C}$  values to trace transportation and deposition processes of terrestrial particulate organic matter in coastal marine environments. *Chemical Geology*, vol. 218, p. 63–72, doi: 10.1016/j.chemgeo.2005.01.025.
- **Noda, A.**, Tsujino, T., Furukawa, R. and Yoshimoto, N., 2004, Character, provenance, and recurrence intervals of Holocene turbidites in the Kushiro Submarine Canyon, eastern Hokkaido forearc, Japan. *The Memoirs of the Geological Society of Japan*, no. 58, p. 123–135.
- Takeuchi, M., Kawai, M., **Noda, A.**, Sugimoto, N., Yokota, H., Kojima, S., Ohno, K., Niwa, M., and Ohba, H., 2004, Stratigraphy of the Permian Shiroumadake Formation and its structural relationship with serpentinite in the Mt. Shiroumadake area, Hida Gaian belt, central Japan. *The Journal of the Geological Society of Japan*, vol. 110, p. 715–730, (in Japanese with English abstract).
- **Noda, A.**, Takeuchi, M., and Adachi, M., 2004, Provenance of the Murihiku Terrane, New Zealand: evidence from the Jurassic conglomerates and sandstones in Southland. *Sedimentary Geology*, vol. 164, p. 209–228, doi: 10.1016/j.sedgeo.2003.10.003.
- **Noda, A.**, Takeuchi, M., and Adachi, M., 2002, Fan deltaic-to-fluvial sedimentation of the Middle Jurassic Murihiku Terrane, Southland, New Zealand. *New Zealand Journal of Geology and Geophysics*, vol. 45, p. 297–312, doi: 10.1080/00288306.2002.9514975.

### Other publication

- Terashima, S., Imai, N., Ikehara, K., Katayama, H., **Noda, A.**, Ohta, A., Okai, T., and Mikoshiba, U. M., 2004, Geochemistry of biogenic silica, carbonate materials and sea salts in the coastal marine sediments around the Japanese islands. *Bulletin of the Geological Survey of Japan*, vol. 55, p. 153–169, (in Japanese with English abstract).
- Kitamura, A., Kawakami, I., Okamoto, F., Ikehara, K., **Noda, A.**, and Katayama, H., 2002, Distribution of mollusc shells in the Sea of Okhotsk, off Hokkaido. *Bulletin of the Geological Survey of Japan*, vol. 53, p. 483–558.
- **Noda, A.**, Adachi, M., and Tsuboi, M., 2000, Alkali feldspar granite clasts from Jurassic conglomerate, Murihiku Terrane, South Island, New Zealand. *The Journal of Earth and Planetary Sciences Nagoya University*, vol. 47, p. 49–62.

## Geological map series

- **Noda, A.** and Katayama, H., in press, Sedimentological Map Offshore of Cape Erimo. Marine Geological Map Series, Geological Survey of Japan, National Institute of Advanced Industrial Science and Technology, Tsukuba, Japan.
- **Noda, A.** and Katayama, H., in press, Sedimentological Map Offshore of Kushiro. Marine Geological Map Series, Geological Survey of Japan, National Institute of Advanced Industrial Science and Technology, Tsukuba, Japan.
- **Noda, A.** and Katayama, H., in press, Sedimentological Map Offshore of Cape Ochiishi. Marine Geological Map Series, Geological Survey of Japan, National Institute of Advanced Industrial Science and Technology, Tsukuba, Japan.
- **Noda, A.,** Ikehara, K. and Katayama, H., in press, Sedimentological Map Kitami Yamato Bank. Marine Geological Map Series, no. 68 (CD), Geological Survey of Japan, National Institute of Advanced Industrial Science and Technology, Tsukuba, Japan.

## Presented Abstracts

- **Noda, A.,** TuZino, T. and Joshima, M., 2010, Submarine landslides in the Hidaka Trough. Geological Society of Japan, The 117th Annual Meeting, Toyama, Japan, Abstracts, P-57, p. 202.
- **Noda, A.** and Katayama, H., 2009, Character and dispersal systems of shelf-slope sediments of the Pacific margin of Hokkaido. Geological Society of Japan, The 116th Annual Meeting, Okayama, Japan, Abstracts, P-41, p. 208.
- **Noda, A.,** TuZino, T., Furukawa, R., Joshima, M., and Uchida, J., 2008, Physiological and sedimentological characteristics of submarine canyons developed upon an active forearc slope: The Kushiro Submarine Canyon, northern Japan. Eos Transactions of American Geophysical Union 89 (53), Fall Meeting Supplement, Abstract OS51A-1236.
- **Noda, A.** and Toshimitsu, S., 2008, Backward stacking basins and cyclic lithostratigraphy controlled by strike-slip faultings: the Izumi Group (Cretaceous), central Shikoku. Geological Society of Japan, The 115th Annual Meeting, Akita, Japan, Abstracts, O-125, p. 94.
- **Noda, A.,** TuZino, T., Kanai, Y., Furukawa, R., and Uchida, J., 2007, Paleoseismicities along the southern Kuril Trench deduced from submarine-fan turbidites. Geological Society of Japan, The 114th Annual Meeting, Sapporo, Japan, Abstracts, O-74, p. 98.
- **Noda, A.,** Furukawa, R., Uchida, J., Tsujino, T., Satake, K., Okamura, Y., Ikehara, K., Arai, K., Sasaki, T., 2005, Frequent turbidite depositions in the Holocene along the Kuril trench, northwestern Pacific: implications for paleoseismic activities. Eos Transactions of American Geophysical Union 86 (52), Fall Meeting Supplement, Abstract T11A-0348.

- **Noda, A.**, Tsujino, T., Satake, K., Okamura, Y., Ikehara, K., Arai, K., Sasaki, T., 2005, Paleoseismic activities off Nemuro–Tokachi areas deduced from submarine core samples. Seismological Society of Japan, Fall Meeting, Sapporo, Japan, Abstracts, P220.
- **Noda, A.**, 2005, Current trends and future outlooks for studies of detrital compositions. Geological Society of Japan, The 112th Annual Meeting, Kyoto, Japan, Abstracts, O-117, p. 96.
- **Noda, A.**, Tsujino, T., Furukawa, R., and Yoshimoto, N., 2004, Character, provenance, and recurrence intervals of Holocene turbidites in the Kushiro Submarine Canyon, eastern Hokkaido forearc, Japan. *Eos Transactions of American Geophysical Union* 85 (47), Fall Meeting Supplement, Abstract T13C-1369.
- **Noda, A.**, Katayama, H., Sagayama, T., Suga, K., Uchida, Y., Satake, K., Abe, K., Okamura, Y., 2004, Effects of tsunami waves on shallow marine sediments: An example of tsunami with the 2003 Tokachi-oki earthquake. Geological Society of Japan, The 111th Annual Meeting, Chiba, Japan, Abstracts, O-90, p. 70.
- **Noda, A.**, Tsujino, T., 2003, Turbidites in Kushiro Submarine Canyon. Geological Society of Japan, The 110th Annual Meeting, Shizuoka, Japan, Abstracts, O-54, p. 28.
- **Noda, A.**, 2003, Characteristics and depositional intervals of gravity flow deposits, off Tokachi, Hokkaido. Japan Geoscience Union, Meeting 2003, Abstracts, J078-P004.
- **Noda, A.**, Katayama, H., and Ikehara, K., 2002, Sedimentation and sand composition around Abashiri Bay, Eastern Hokkaido, Japan. Geological Society of Japan, The 109th Annual Meeting, Niigata, Japan, Abstract, p. 82.
- **Noda, A.**, Katayama, H., and Ikehara, K., 2002, Modern sedimentation on shelf off Abashiri, East Hokkaido. Sedimentological Society of Japan, Iwate, Japan, Programs and Abstracts, p. 8.
- **Noda, A.**, Takeuchi, M., Adachi, M., 1999, Sedimentary facies and provenance analyses of the Middle Jurassic system in the Murihiku Terrane, South Island, New Zealand. Geological Society of New Zealand, Annual Conference, Palmerston North, New Zealand, Programme & Abstracts, Geological Society of New Zealand Miscellaneous Publication 107A, p. 123.
- **Noda, A.**, Takeuchi, M., Adachi, M., 1999, Fluvial-deltaic sedimentation of the Middle Jurassic system in the Murihiku Terrane, South Island, New Zealand. Geological Society of Japan, The 106th Annual Meeting, Nagoya, Japan, Abstracts, P-190, p. 272.
- **Noda, A.**, Takeuchi, M., Adachi, M., 1998, Alkali feldspar granite clasts from the Jurassic McPhee Cove Conglomerate in the Murihiku Terrane, New Zealand: possible provenance linking with the Freds Camp Granite on Stewart Island. Geological Society of New Zealand and New Zealand Geophysical Society, Joint Annual Conference, Christchurch, New Zealand, Programme & Abstracts, Geological Society of New Zealand Miscellaneous Publication 101A, p. 179.

## Professional Journal Editorships

2009– Associate Editor, *Journal of Geological Society of Japan*

## Honors

**Best paper Award (Geological Society of Japan):** Takeuchi, M., Kawai, M., Noda, A., Sugimoto, N., Yokota, H., Kojima, S., Ohno, K., Niwa, M., and Ohba, H., Stratigraphy of the Permian Shiroumadake Formation and its structural relationship with serpentinite in the Mt. Shiroumadake area, Hida Gaien belt, central Japan. *Journal of the Geological Society of Japan* 110 (11), p. 715–730, 2004.

## Research Grants

**2010:** Research grant (geology), Fujiwara Natural History Foundation, (520,000 yen).

**2008:** Travel grant (international meetings), Japan Society for the Promotion of Science, (300,000 yen).

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