

## Name

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## Professional positions

**Director** Apr 2023–

Research Planning Office, Geological Survey of Japan, AIST

**Chief Senior Researcher** Mar 2022–Mar 2023

Research Institute of Geology and Geoinformation, Geological Survey of Japan,  
AIST

**Group Leader** Apr 2020–Feb 2022

Orogenic Process Research Group, Research Institute of Geology and Geoinformation,  
Geological Survey of Japan, AIST

**Chief Senior Researcher** Oct 2017–Mar 2020

Research Institute of Geology and Geoinformation, Geological Survey of Japan,  
AIST

**Senior Researcher** Oct 2012–Sep 2017

Research Institute of Geology and Geoinformation, Geological Survey of Japan,  
AIST

**Researcher** Apr 2012–Oct 2012

Research Institute of Geology and Geoinformation, Geological Survey of Japan,  
AIST

**Planning Officer** Apr 2011–Mar 2012

Research Planning Office, Geological Survey of Japan, AIST

**Researcher** Oct 2004–Mar 2011

Institute of Geology and Geoinformation, Geological Survey of Japan, AIST

**Researcher** Apr 2000–Sep 2004

Marine Geology Department, Geological Survey of Japan, AIST

## **Adjunct and visiting positions**

**Visiting scholar** Mar 2022–Nov 2022

Laboratoire d’Océanologie et de Géosciences, Université de Lille, France

**Visiting scholar** Sept 2013–Aug 2014

Department of Geology and Geophysics, University of Wyoming, USA

## **Educational experiences**

**Visiting lecturer** Jan 2012

“Sedimentology and data analysis” at Osaka City University

## **Areas of expertise**

Sedimentology (siliciclastics), Sedimentary geology, Sedimentary petrology, Marine geology, Basin analysis, Geomorphology

## **Education**

**Ph.D. (Science)** Nov 2005

Graduate School of Environmental Studies, Nagoya University, Japan

Origin of the Murihiku Terrane, South Island, New Zealand: implications for terrane dynamics of the eastern Gondwana margin

**M. Sci.** Mar 2000

Department of Earth and Planetary Sciences, Nagoya University, Japan

**B. Sci.** Mar 1998

Department of Earth and Planetary Sciences, Nagoya University, Japan

## Professional journal editorship

Associate Editor 2009–2013

*Journal of Geological Society of Japan*

## Professional society membership

- Geological Society of America (GSA)
- American Geophysical Union (AGU)
- Society for Sedimentary Geology (SEPM)
- International Association of Sedimentologists (IAS)
- Japan Geoscience Union (JpGU)
- Geological Society of Japan (GSJ)
- Sedimentological Society of Japan (SSJ)
- British Society for Geomorphology (BSG)

## Publications

### Papers in peer-reviewed journals

- **Noda, A.**, Graveleau, F., Witt, C., Chanier, F., and Vendeville, B., 2023 Accretion cycles, structural evolution, and thrust activity in accretionary wedges with various décollement configurations: Insights from sandbox analog modeling. *Journal of Geophysical Research: Solid Earth*, vol. 128, e2023JB027131, doi: [10.1029/2023JB027131](https://doi.org/10.1029/2023JB027131).
- **Noda, A.**, Morimoto, K., Takahashi, K. U., Danhara, T., Iwano, H., and Hirata, T., 2023, Late Cretaceous–Paleogene terrestrial sequence in the northern Kitakami Mountains, Northeast Japan: Depositional ages, clay mineral contents, and vitrinite reflectance. *Island Arc*, vol. 32, no. 1, e12500, doi: [10.1111/iar.12500](https://doi.org/10.1111/iar.12500).
- Okuma, Y., **Noda, A.**, Koge, H., Yamada, Y., and Yamaguchi, A., 2022, Surface friction of subducting seamounts influences deformation of the accretionary wedge. *Tectonophysics*, vol. 845, 229644, doi: [10.1016/j.tecto.2022.229644](https://doi.org/10.1016/j.tecto.2022.229644).
- **Noda, A.**, Greve, A., Woodhouse, A., and Crundwell, M., 2022, Depositional rate, grain size and magnetic mineral sulfidization in turbidite sequences, Hikurangi Margin, New Zealand. *New Zealand Journal of Geology and Geophysics*, doi: [10.1080/00288306.2022.2099910](https://doi.org/10.1080/00288306.2022.2099910).
- Chiang, C.-S., Yu, H.-S., **Noda, A.**, and TuZino, T., 2022, The Huapinghsu Channel/Mienhua Canyon System as a sediment conduit transporting sediments from offshore north Taiwan to the southern Okinawa Trough. *Frontiers in Earth Science, Marine Geoscience*, vol. 9, doi: [10.3389/feart.2021.792595](https://doi.org/10.3389/feart.2021.792595).

- Miyakawa, A., **Noda, A.**, and Koge, H., 2022, Evolution of the geological structure and mechanical properties due to the collision of multiple basement topographic highs in a forearc accretionary wedge: Insights from numerical simulations. *Progress in Earth and Planetary Science*, vol. 9, no. 1, doi: [10.1186/s40645-021-00461-4](https://doi.org/10.1186/s40645-021-00461-4).
- Wakasugi, Y., Wakaki, S., Tanioka, Y., Ichino, K., Tsuboi, M., Asahara, Y., and **Noda, A.**, 2020, A chronological and geochemical study of the Tadami-gawa older-stage granites: igneous activity in the west of the Tanakura Tectonic Line (TTL) of northeastern Japan. *Geochemical Journal*, vol. 54, doi: [10.2343/geochemj.2.0603](https://doi.org/10.2343/geochemj.2.0603).
- **Noda, A.**, Koge, H., Yamada, Y., Miyakawa, A., and Ashi, J., 2020, Subduction of trench-fill sediments beneath an accretionary wedge: Insights from sandbox analogue experiments. *Geosphere*, vol. 16, doi: [10.1130/GES02212.1](https://doi.org/10.1130/GES02212.1).
- Barnes et al. (including **Noda, A.**), 2020, Slow slip source characterized by lithological and geometric heterogeneity. *Science Advances*, vol. 6 (13), eaay3314, doi: [10.1126/sciadv.aay3314](https://doi.org/10.1126/sciadv.aay3314).
- **Noda, A.**, Koge, H., Yamada, Y., Miyakawa, A., and Ashi, J., 2020, Forearc basin stratigraphy resulting from syntectonic sedimentation during accretionary wedge growth: Insights from sandbox analogue experiments. *Tectonics*, vol. 39 (3), e2019TC006033, doi: [10.1002/2019TC006033](https://doi.org/10.1002/2019TC006033).
- **Noda, A.**, Danhara, T., Iwano, H., and Hirata, T., 2020, LA-ICP-MS zircon U–Pb ages of felsic tuff beds in the Takikubo and Horita formations, Izumi Group, Ikeda district, eastern Shikoku, southwestern Japan. *Bulletin of the Geological Survey of Japan*, vol. 71 (1), p. 33–48, doi: [10.9795/bullgsj.71.33](https://doi.org/10.9795/bullgsj.71.33).
- Koge, H. and **Noda, A.**, 2020, Critical taper model: Introduction from soil mechanics. *Bulletin of the Geological Survey of Japan*, vol. 71 (1), p. 49–61, doi: [10.9795/bullgsj.71.49](https://doi.org/10.9795/bullgsj.71.49).
- **Noda, A.**, 2018, Forearc basin stratigraphy and interactions with accretionary wedge growth according to the critical taper concept. *Tectonics*, vol. 37 (3), p. 965–988, doi: [10.1002/2017TC004744](https://doi.org/10.1002/2017TC004744).
- **Noda, A.** and Sato, D., 2018, Submarine slope–fan sedimentation in an ancient forearc related to contemporaneous magmatism: The Upper Cretaceous Izumi Group, southwestern Japan. *Island Arc*, vol. 27 (2), e12240, doi: [10.1111/iar.12240](https://doi.org/10.1111/iar.12240).
- **Noda, A.**, 2017, A new tool for calculation and visualization of U–Pb age data: UPbplot.py. *Bulletin of the Geological Survey of Japan*, vol. 68 (3), p. 131–140, doi: [10.9795/bullgsj.68.131](https://doi.org/10.9795/bullgsj.68.131)
- **Noda, A.**, Danhara, T., Iwano, H., and Hirata, T., 2017, LA-ICP-MS U–Pb and fission-track ages of felsic tuff beds of the Takikubo Formation, Izumi Group in the Kan-onji district, eastern Shikoku, southwestern Japan. *Bulletin of the Geological Survey of Japan*, vol. 68 (3), p. 119–130, doi: [10.9795/bullgsj.68.119](https://doi.org/10.9795/bullgsj.68.119).
- **Noda, A.** and Kurihara, T., 2016, Late Cretaceous radiolarian assemblages obtained from the Izumi Group in the Kan-onji district, eastern Shikoku. *Bulletin of the Geological Survey of Japan*, vol. 67 (4), p. 119–131, doi: [10.9795/bullgsj.67.119](https://doi.org/10.9795/bullgsj.67.119).

- **Noda, A.**, 2016, Forearc basins: Types, geometries, and relationships to subduction zone dynamics. *Geological Society of America Bulletin*, vol. 128 (5–6), p. 879–895, doi: [10.1130/B31345.1](https://doi.org/10.1130/B31345.1).
- Heller, P.L., Ratigan, D., Trampush, S., **Noda, A.**, McElroy, B., Drever, J., and Huzurbazar, S., 2015, Origins of bimodal stratigraphy in fluvial deposits: An example from the Morrison Formation (Upper Jurassic), western U.S.A. *Journal of Sedimentary Research*, vol. 85 (12), p. 1466–1477, doi: [10.2110/jsr.2015.93](https://doi.org/10.2110/jsr.2015.93).
- Igarashi, Y., Yamamoto, M., **Noda, A.**, Ikehara, K., Katayama, H., 2015, Deposition pattern and sources of palynomorphs on the continental margin off Hokkaido Island, northwest Pacific. *Marine Geology*, vol. 368, p. 58–65, doi: [10.1016/j.margeo.2015.06.008](https://doi.org/10.1016/j.margeo.2015.06.008).
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- **Noda, A.**, TuZino, T., Joshima, M., and Goto, S., 2013, Mass-transport-dominated sedimentation in a foreland basin, the Hidaka Trough, northern Japan. *Geochemistry, Geophysics, Geosystems*, vol. 14 (8), p. 2638–2660, doi: [10.1002/ggge.20169](https://doi.org/10.1002/ggge.20169).
- Chiang, C.-S., Yu, H.-S., **Noda, A.**, TuZino, T., Su, C.-C., 2012, Avulsion of the Fangliao submarine canyon off southwestern Taiwan as revealed by a morphological analysis and numerical simulation. *Geomorphology*, vol. 177–178, p. 26–37, doi: [10.1016/j.geomorph.2012.07.011](https://doi.org/10.1016/j.geomorph.2012.07.011).
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- **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](https://doi.org/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, [10.5575/geosoc.116.99](https://doi.org/10.5575/geosoc.116.99), (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](https://doi.org/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](https://doi.org/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](https://doi.org/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](https://doi.org/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](https://doi.org/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](https://doi.org/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](https://doi.org/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](https://doi.org/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](https://doi.org/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](https://doi.org/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](https://doi.org/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.

- Terashima, S., Imai, N., Ikehara, K., Katayama, H., **Noda, A.**, Ohta, A., Okai, T., and Mikoshihba, 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).
- 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 Gaaien belt, central Japan. *The Journal of the Geological Society of Japan*, vol. 110, p. 715–730, doi: [10.5575/geosoc.110.715](https://doi.org/10.5575/geosoc.110.715), (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](https://doi.org/10.1016/j.sedgeo.2003.10.003).
- 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.**, 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](https://doi.org/10.1080/00288306.2002.9514975).
- **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.

## Book Chapters

- Utsunomiya, M., **Noda, A.**, and Otsubo, M., in press, Preferential formation of a slide plane in translational submarine landslide deposits in a Pleistocene forearc basin fill exposed in east-central Japan. In: Lintern, D. G. et al. (eds.), *Submarine Mass Movements and Their Consequences: Assessing Geohazards, Environmental Implications*, Geological Society, London, Special Publications, vol. 477, doi: [10.1144/SP477.3](https://doi.org/10.1144/SP477.3).
- **Noda, A.** and Miyakawa, A., 2017, Deposition and deformation of modern accretionary-type forearc basins: Linking basin formation and accretionary wedge growth. In Itoh, Y. (ed.), *Evolutionary Models of Convergent Margins: Origin of Their Diversity*. InTech, Rijeka, Croatia, pp. 3–27, doi: [10.5772/67559](https://doi.org/10.5772/67559).
- **Noda, A.**, 2013, Strike-slip basins: Its configuration and sedimentary facies. In Itoh, Y. (ed.), *Mechanism of Sedimentary Basin Formation - Multidisciplinary Approach on Active Plate Margins*. InTech, Rijeka, Croatia, doi: [10.5772/56593](https://doi.org/10.5772/56593).

## Geological map series

- **Noda, A.**, Miyazaki, K., Mizuno, K., and Nagata, M., 2021, Geology of the Ikeda District. Quadrangle Series, 1:50,000, Geological Survey of Japan, National Institute of Advanced Industrial Science and Technology, Tsukuba, Japan.

- Yamasaki, T., **Noda, A.**, Ozaki, M., 2020, Geology of the Akechi District. Quadrangle Series, 1:50,000, Geological Survey of Japan, National Institute of Advanced Industrial Science and Technology, Tsukuba, Japan.
- Hara, H., Aoya, M., **Noda, A.**, Tanabe, S., Yamasaki, T., Ono, T., and Komazawa, M., 2018, Kochi (2nd edition). Geological Map, 1:200,000, Geological Survey of Japan, National Institute of Advanced Industrial Science and Technology, Tsukuba, Japan.
- **Noda, A.**, Ueki, T., Kawabata, H., Matsuura, H., and Aoya, M., 2017, Geology of the Kan-onji District. Quadrangle Series, 1:50,000, Geological Survey of Japan, National Institute of Advanced Industrial Science and Technology, Tsukuba, Japan.
- Miyazaki, K., Wakita, K., Miyashita, Y., Mizuno, K., Takahashi, M., **Noda, A.**, Toshimitsu, S., Sumii, T., Ono, T., Nawa, K., and Miyagawa, A., 2016, Matsuyama (2nd edition). Geological Map, 1:200,000, Geological Survey of Japan, National Institute of Advanced Industrial Science and Technology, Tsukuba, Japan.
- Aoya, M., **Noda, A.**, Mizuno, K., Miyachi, Y., Matsuura, H., Mizukami, T., Aoki, M. and Toshimitsu, S., 2013, Geology of the Niihama District. Quadrangle Series, 1:50,000, Geological Survey of Japan, National Institute of Advanced Industrial Science and Technology, Tsukuba, Japan.
- **Noda, A.** and Katayama, H., 2013, Sedimentological Map Offshore of Hidaka Trough. Marine Geological Map Series, no. 81 (CD), Geological Survey of Japan, National Institute of Advanced Industrial Science and Technology, Tsukuba, Japan.
- **Noda, A.** and Katayama, H., 2011, Sedimentological Map Offshore of Cape Erimo. Marine Geological Map Series, no. 72 (CD), Geological Survey of Japan, National Institute of Advanced Industrial Science and Technology, Tsukuba, Japan.
- **Noda, A.** and Katayama, H., 2011, Sedimentological Map Offshore of Kushiro. Marine Geological Map Series, no. 71 (CD), Geological Survey of Japan, National Institute of Advanced Industrial Science and Technology, Tsukuba, Japan.
- **Noda, A.** and Katayama, H., 2011, Sedimentological Map Offshore of Cape Ochiishi. Marine Geological Map Series, no. 70 (CD), Geological Survey of Japan, National Institute of Advanced Industrial Science and Technology, Tsukuba, Japan.
- **Noda, A.**, Ikehara, K. and Katayama, H., 2009, 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.**, Graveleau, F., Witt, C., Chanier, F., Vendeville, B., 2023, Patterns of deformation in accretionary wedges during accretion cycles with different set-



tings of décollement configuration. Geological Society of Japan, The 130th Annual Meeting, Kyoto, Abstracts, T5-P-1.

- **Noda, A.**, Morimoto, K., Takahashi, K., Danhara, T., Iwano, H., and Hirata, T., 2023, Late Cretaceous–Paleogene terrestrial sequence in the northern Kitakami Mountains, Northeast Japan: Depositional ages, clay mineral contents, and vitrinite reflectance. Geological Society of Japan, The 130th Annual Meeting, Kyoto, Abstracts, T15-P-3.
- **Noda, A.**, Graveleau, F., Witt, C., Chanier, F., Vendeville, B., 2023, Patterns of deformation in accretionary wedges during accretion cycles with different settings of decollement configuration, Geomod2023, Sorbonne University, Paris.
- **Noda, A.**, Graveleau, F., Witt, C., Chanier, F., Vendeville, B., 2023, Analog modeling of accretionary wedges with various decollement settings: Quantitative analysis of deformation process and strength evolution. EGU General Assembly, Vienna, Austria.
- **Noda, A.**, 2022, Forearc Basins: Types, Formation Processes, and Their Controlling Factors. SEG-AGU Geophysics of Convergent Margins, Society of Exploration Geophysics, Seattle (invited).
- **Noda, A.**, Miyazaki, K., Mizuno, K., and Nagata, M., 2021, Publication of the 1:50,000 Geological map of the Ikeda District. Japan Geoscience Union Meeting, Online, Abstract, SGL23-P04.
- **Noda, A.** and Greve, A., 2020, Rock magnetic properties, grain size, and layer thickness of turbidites at the northern Hikurangi margin, New Zealand: Results from IODP Exp. 375, Site U1520. JpGU-AGU Joint Meeting 2020, MIS11-P11 ([abstract](#)).
- **Noda, A.**, Koge, H., Yamada, Y., Miyakawa, A. and Ashi, J., 2020, Sandbox analogue experiments to examine how syntectonic sedimentation influence on forearc basin stratigraphy and accretionary wedge growth. JpGU-AGU Joint Meeting 2020, SCG66-P03 ([abstract](#)).
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## Honors

**Best paper Award, Geological Society of Japan (2023):** **Noda, A.** and Sato, D., 2018, Submarine slope–fan sedimentation in an ancient forearc related to contemporaneous magmatism: The Upper Cretaceous Izumi Group, southwestern Japan. *Island Arc*, vol. 27 (2), e12240, doi: [10.1111/iar.12240](https://doi.org/10.1111/iar.12240).

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## Research grants

**Grant-in-Aid for Scientific Research (C)** 2021–2024  
JSPS Kakenhi ([21K03731](#)).

**Fostering Joint International Research (A)** 2020–2022  
JSPS Kakenhi ([19KK0356](#)).

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JSPS Kakenhi ([17K05687](#)).

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**Research grant (geology)** 2010  
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