National Oceanic and Atmospheric Administration
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Anthropogenic Radionuclides in the Marine Environment: A Selected Bibliography

Compiled and edited by:

Chris Belter: NOAA NESDIS NODC Central Library,
Bethany Craig: NOAA NMFS Office of Science and Technology,
Joe Fillingham: NOAA OAR Laboratories and Cooperative Institutes,
Megan Mueller: NOAA OAR Office of the Assistant Administrator, and
Katrina Phillips: NOAA OAR Office of Communications

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About this document

In response to the ongoing situation at Japan's Fukushima Daiichi nuclear power plant, librarians at the NOAA Central Library, in collaboration with NOAA's Office of Oceanic and Atmospheric Research and National Marine Fisheries Service, have prepared this bibliography on the distribution, transport, ecological effects, and potential risk to human health of anthropogenic radionuclides in the marine environment. This bibliography is a representative, rather than comprehensive, review of the literature on these topics that has been published in peer-reviewed journals and books, and by authoritative research institutions around the world.

The citations in this bibliography are grouped into five broad subtopics: comprehensive, observations, modeling, ecological impacts, and human health. Definitions of each subtopic, for the purposes of this bibliography, are provided below each subtopic heading. Although each citation in this bibliography is listed under a single subtopic, many of the citations listed here could have been listed under multiple subtopics. In light of this fact, we encourage readers interested in a particular subtopic of this bibliography to review the citations in the other headings as well. A list of all of the publications in this bibliography organized alphabetically by first author's last name is available online at: http://www.lib.noaa.gov/researchtools/subjectguides/marine_radionuclides.html

Correspondence concerning this bibliography, including suggestions of additional citations, should be addressed to Chris Belter (Chris.Belter@noaa.gov).

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I. Comprehensive

All aspects of radionuclides in the marine environment

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IV. Ecological Impacts

Observations and modeling of radionuclides in non-human biota

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