

Accession No.:97-11

PROCESSING RECORD
SCRIPPS INSTITUTION OF OCEANOGRAPHY ARCHIVES

Nancy Amanda Bray 1952-

Nancy Amanda Bray Papers, 1976-1997

Physical Description: 24 record center cartons

Arrangement of Collection: Accession arranged in these series: Miscellaneous; Gulf of California; Strait of Gibraltar; Northern California Study; Gulf of Mexico; Mineral Management Service.

Description: Accession includes the correspondence, reports, scientific papers, research notes, and data gathered by physical oceanographer Nancy Amanda 'Nan' Bray largely during her years at the Scripps Institution of Oceanography, 1983-1997. The accession includes a small amount of material documenting Bray's education, including some student notes. For instance, the accession includes her student notes for Waves and Tides, a course taught by Carl Wunsch (WHOI 1981).

The accession documents Bray's research on ocean circulation, including the flow of oceanic waters through straits like the Strait of Gibraltar. The research notes and data files document Bray's studies of the Gulf of California, the Gulf of Mexico and the Indonesian Archipelago. They document Bray's participation in the Northern California Coastal Circulation Study (NCCCS) and her work with the Minerals Management Service of the U.S. Department of the Interior.

Brief Biography: Physical oceanographer. Education: UCB B.S. (Engineering Physics) Ph.D. (Woods Hole/MIT) 1981. SIO 1983-1997: Assistant to Associate Research Oceanographer, Director of SIO Physical Oceanography Research Division. CSIRO (Commonwealth Scientific and Industrial Research Organization), Chief of Division, Marine Research, Tasmania, 1997- .

Ocean Circulation
Wunsch, Carl

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Papers, 1976-1997
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- 212A; Dynamical Oceanography, Rick Salmon, Nan Bray, Winter 1989
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- 3 R/V *WECOMA*, December 1988
- Gulf of Mexico Physical Oceanography Program, Final Report: Year 3, September 1988
- Super Survey, May 1989, NAB
- NCCCS [Northern California Coastal Circulation Study], Fluxes & ASLO.90
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- HOT Data Report 7: 1995
- Quality Review Board Minutes of the Meeting; 7-9 February 1996; Minerals
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- Circulation on the Northern California Shelf and Slope; Final Report of the
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- Photographs, Bray Hautala Trip to Indonesia Pre-Throughflow Experiment,
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- Indonesian Throughflow Experiment, June 1997
- National Science Foundation Proposal, August 1997
- Western Pacific Geophysics Meeting, 1996
- Indo-Pacific Throughflow, Notes and Drafts, 1996-1997
- "Energy Balances During the Polymode Local Dynamics Experiment Intensive
Period" N.A. Bray, W.B. Owens, B.L. Hua, n.d.
- UCSD Proposal Nos. 94-1035, 94-1045 to 94-1050, 1993
- Proposals Unfunded, "Indonesian Throughflow," 1993
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- 4 Affirmative Action, Spring-Summer 1995
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- Instruments, Sensor Mismatch Manuscript, to Deep Sea Research, 1986
- Grad Courses, 1975-1976
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- Polymode; Bray, Owens, Hua, Local Dynamics Experiment Energetics
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- Gibraltar; Bray, Lacombe, 1986, 1993

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- Bray (Office of Naval Research) "...Thermohaline Circulation...Gulf of California" 1984-85, 1985-86
- Office of Naval Research, Proposal, Transport of Heat/Salt Strait of Gibraltar, N. Bray, 1 January 1985-30 September 1987
- Analysis of Heat and Salt Transport Observations in Strait of Gibraltar, Office of Naval Research 1122CS, Bray, 1 June 1987-1 October 1987
- Bray (National Science Foundation) "Thermohaline Circulation in the Northern Gulf of California", 1 February 1984- 31 January 1987
- Proposals
- Red Sea, Planning, Office of Naval Research, 1992-1993
- New Announcements, NOAA (National Oceanic and Atmospheric Administration) Climate & Global Change, 1996
- Indonesia NOAA (National Oceanic and Atmospheric Administration), 1993
- Office of Naval Research, Code CS, "Shelf Circulation in Gulf of Mexico," 1 October 1989-30 September 1991, Bray, Winant
- Minerals Management Service, "Analysis & Acquisition... ," 1 January 1991-30 June 1998, Winant, Bray, Hendershott
- 6 "Tidal Modulation.... ," Bray & Lacombe, [1986]
- Office of Naval Research, Annual Report, 1990
- Planning Letters 1991, Office of Naval Research, Letter of Intent-Gulf of Mexico

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- Office of Naval Research
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- P.O. Seminar, CODE (California Coastal Ocean Dynamics
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- Southern California Bight Workshop, 27-29 November 1990, SIO
- Southern California Bight Physical Oceanography, Proceedings of a
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- NESDIS Agreement, 4 October 1991

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- JGR (Journal of Geophysical Research), 1995
- Indonesia/I-10 WOCE Newsletter, October 1996
- Indonesia, WPACJGR.MS, April 1995
- Notes on Matlab, February 1995
- Gibraltar, 1994-1995
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- Final Figures
- BOK (Bray, Ochoa, Kinder) Manuscript, Notes
- BOK Revision, December 1994
- Gulf of Mexico, Pressure & Currents, n.d.
- File Organization, Nan Bray, n.d.
- Bray, Significant Documents, 1990-1991
- 7 Gulf of California, Mineral Management Service #1, Thermohaline Structure, Bray, 1987-1988, (2)
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- First Little Bight Quality Review Board Meeting Wednesday, 25 September 1991
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	The Smithsonian Engagement Calendar for 1984
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- Gulf of California Sea Level, 1981, 1984
- Marginal Seas NCAR (National Center for Atmospheric Research) /Field Observing Facility, 1984

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- Spain-Excursion to Italy, November 1985
- Notes, 1986-1987
- American Geophysical Union, 1985
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- "Taller Sobre la Oceanografia Fisica del Estrecho de Gibraltar," 2428
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- NCAR-Research Aviation Facility, Documentation for Project #3214,
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- Correspondence, Alex Kennel to Dr. C. Winant, 4 October 1983
 NCAR-Research Aviation Facility, Documentation for Project #4215,
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- Moroccan Visitors, 1987

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20	<p>Disks (11); NC3, 14-24</p> <p>Disks (8) Satellite Passes End of Cruise BK, \CTD (NC3), 1-7</p> <p>Disks (13); BK 1-3, NC3 1-10</p> <p>Disks (13); Backup, NC3, 1-13</p>

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