

Accession No.:2000-17

PROCESSING RECORD  
SCRIPPS INSTITUTION OF OCEANOGRAPHY ARCHIVES

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Robinson, Margaret King 1906-2006

Margaret King Robinson Papers, 1947-1974

Physical Description: 8 mss, 2 shoe boxes, 1 oversize item

Arrangement: Subject files; Student and lecture notes; Data; Writings; Photographs, slides, lantern slides and films.

Description: The collection consists of the papers generated by Margaret King Robinson documenting her career as an oceanographer and director of the Bathythermograph Unit at Scripps Institution of Oceanography, UCSD. The papers include address lists, biographical files documenting Robinson's career, student notes documenting lectures at SIO 1947-1947 including Biology, Marine Sedimentation 218B, and Oceanography 211, bathythermograph data, manuscripts of Robinson's publications and speeches, photographs, slides, lantern slides and films. The data and writings series include material documenting SIO expeditions Downwind and Naga. The collection includes photographs, 35mm color slides, lantern slides and films. The 35mm slides document Robinson's trips to Singapore and South Africa, Japan (1958), Bali, Tahiti and Hawaii (1970), and the Philippines (1974). The films and lantern slides present data and were prepared to illustrate Robinson's lectures. The collection also includes a number of oversize atlases. The collection also includes a bathythermograph mounted with a plaque and presented to Mrs. Robinson at the time of her retirement from SIO.

American oceanographer; Naga Expedition ; Bathythermograph ; Oceanography; Women in science; DOWNWIND Expedition, 1957-1958 ; SIO MC 90

**MARGARET KING ROBINSON**

**Papers, 1947-1974**

**Accession Number 2000-17**

**Box Folder Title**

**SUBJECT FILES**

1 Addresses  
Bio- Bibliography, Margaret K. Robinson  
1953-1960  
1961-1965  
1966-1969  
1970-1974

List of Trips, 1959-1983

**STUDENT AND LECTURE NOTES**

Biology, [Student Notes, c. 1948]  
Marine Sedimentation [Student Notes, Submarine Geology 218B, 1948-1949]  
Waves [Lecture Notes Course 211, c. 1947]

**DATA**

Colonel Ottensen's Tide Reduction Scheme, n.d.  
Ink Masters, Seasonal Variation Charts, n.d.  
Sigma T T-S [Temperature- Salinity] Charts, n.d.  
2 Statistics (Sigma from Grouped Data and Other), n.d.  
200 Meter Temperature Chart, North and South Pacific, Joe Reid, n.d.  
Axis- Kuroshio Current, 1960- 1964

**Box****Folder Title****DATA (cont.)**

2

MKR Upwelling Stuff and Pier Observations, 1964

Atlantic Edge Values and Comments by Elizabeth [Schroeder], 1968

**WRITINGS BY MARGARET K. ROBINSON SERIES**

"A Comparison of Computed Bathythermograph Corrections Determined by Readings from two Different Types of Grid Holders," n.d.

Papers, Comparison of M. Koizumi and M.K. Robinson Computations of Seasonal Variation of Mean Sea Surface Temperature in the East China Sea, n.d.

"Evaluation of three sets of Historical Sea-Surface Temperature Data in the North Pacific Ocean," n.d.

"Joint report of the Ranning Meeting in Physical Oceanography," US. Japan Cooperative Science Program, 1964

"Mechanical Bathythermograph Digitizer Operation," n.d.

Speech, Movie [Narrative accompanying 1959-1961 Naga Expedition Film], n.d.

Red Sea Atlas, Unbound Copy [with original plates and figures], n.d.

UNESCO Report "Processing and Analyzing Oceanographic Data in the Gulf of Thailand and Indian Ocean," UNESCO Project 2523, n.d.

"The Use of a Common Reference Period for Evaluating Climatic Conference in Temperature and Salinity Records from Alaska to California," n.d.

"Analysis and Interpretation of Bathythermograms from the Antarctic Development Project, 1947-1948. ONR NR-083-005 Technical Report #2, June 16, 1950.

ONR BT Excerpts [Describing Activities of BT Processing and Analysis and Data Archives under...]

1956-1958

1959-1962

BT Processing Manual, May 1, 1960

**Box****Folder Title****WRITINGS BY MARGARET K. ROBINSON SERIES (cont.)**

- 2 Naga Prints, Set No. 1, Naga Cruises, 1960
- Speech, Mean Sea Temperature Interpretation by IBM Computer, AGU, Los Angeles, August 1960.
- Speech, Interpretation of Bathythermograph Temperature Data in the Gulf of Thailand, April-May 1960, AGU, April 1962.
- 3 Bathythermograph Temperature Sections from the IGY Downwind Expedition to the Southeast Pacific, October 1957- February 1958
- Downwind Expedition, October 22, 1957- February 28, 1958, Bathythermograph Temperature Sections from the IGY, Downwind Expedition..." Rough Drafts.
- [Revised Copy]
- Speech, Bathythermograph Temperature Sections from the IGY, UC SIO Expedition Downwind to the Southeast Pacific, Pacific Science Congress, August 1961.
- Paper, The Existence of a Secondary Sound Channel Along the Northern Edge of the Subtropical Region in North Pacific, 22<sup>nd</sup> Navy Symposium on Underwater Acoustics, Austin, Texas, October 26-28, 1964.
- Speech, Temperature Structure in the Transition Region of the North Pacific, 2<sup>nd</sup> US Navy Symposium on Military Oceanography, Washington, D.C. May 5-7, 1965.
- Speech, Harmonic Analysis of Mean Temperatures at Standard Levels in the CalCOFI Area, CalCOFI Conference, La Jolla, California, December 19-21, 1965
- Speech, Secondary Sound Channel - Pacific FLIP HORIZON, February 3, 1966.
- Speech, Thermal Microstructure in the NE Pacific Ocean Observed from FLIP in September 1963, AGU Annual Meeting, San Jose, California, February 3, 1966.
- Speech, Summary of Computer- Analyzed Temperature Data for Pacific and Atlantic Oceans, Third US. Navy Symposium on Military Oceanography, NEL San Diego, May 11-13, 1966.

**Box****Folder Title****WRITINGS BY MARGARET K. ROBINSON SERIES (cont.)**

3           Speech, Seasonal Variation of Temperature in the Upper 100 meters of the Indian Ocean, Arabian Sea, Bay of Bengal, and the Red Sea, Moscow, Russia, May 30-June 13, 1966.

Speech, Comparison of Seasonal Variation in Temperatures in the Kuroshio and Gulf Stream Systems, Tokyo, Japan, August 20- September 3, 1966.

Speech, Bathythermograph (BT) data Confirms Theoretical Prediction of Subtropical Countercurrent, AGU Meeting, San Francisco, December 2-5, 1968.

Speech, Evidence of Subtropical Countercurrent east of Hawaii, AGU, San Francisco, December 8, 1970.

"Atlas of Monthly Mean Sea Surface and Subsurface Temperature, Depth of the Top of the Temperature, North Pacific, May 1971.

**Originals**

"Interim Atlas Monthly Chart of Mean Sea Surface and Subsurface Temperatures and Depth of the Top of the Thermocline. North Pacific Ocean, 1977.

Digitization of XBT Data, May 21, 1971.

Speech, "Graphical Methods of Presenting Time Varying Ocean Temperature." 6<sup>th</sup> International Cartographic Association Conference, Ottawa, August 323, 1972.

Atlas of Monthly Sea Surface and Subsurface Temperature and Depth of the Top of the Thermocline, Gulf of Mexico and Caribbean Sea, March 1973, Master Copy for Printer.

Atlas of Monthly Mean Sea Surface and subsurface Temperature and Depth of the Top of the Thermocline, Mediterranean, Black and Red Seas, June 1973.

4

**Master Copy for Publication**

Downwind Expedition October 22, 1957- February 28, 1958

"Bathythermograph Temperature Sections for the IGY, Downwind Expedition..." Rough Drafts.

**Data**

**Box**

**Folder Title**

**WRITINGS BY MARGARET K. ROBINSON SERIES (cont.)**

- 4 Downwind Expedition October 22, 1957 - February 28, 1958 (cont.)  
Figures  
  
Notes  
  
Notes [Folder 2]
- Section and data of Monterey Bay
- Temperature Interpolation at 5 Meter Interval, Station 1, 1927, La Jolla Bay, also 1922-1927 (by D. Norton)
- Temperature Interpolation at 5 Meter Interval, Station 1, 1928, La Jolla Bay and Salinity (by D. Norton)
- Tabulations of Temperature & Salinity, Station 2, 1922-1926, La Jolla Bay
- Station 2, Tabulated Original Values, 1926-1927, Temperature & Salinity, La Jolla Bay
- Station 1, Tabulated Original Values, 1921-1931, Temperature & Salinity, La Jolla Bay
- Original Data – Stations 1 and 2
- Temperature and Salinity Data, 1908, 1911, 1912, 1908-1916 (off San Diego and Coronado Islands)
- Stations 1 and 2, Interpolations and Smoothing
- Coronado Island Region Temperature - Depth
- Coronado Island Region Temperature - Time
- 5 Surface Water Temperatures at Tide Stations, Pacific Coast, North and South America and Pacific Ocean Islands, data through 1955
- Simpson, J., Odex, 1982-1983
- Simpson – Odex, January 1984-
- 5 Simpson – Haury, MLR

<b>Box</b>	<b>Folder Title</b>
	<b>WRITINGS BY MARGARET K. ROBINSON SERIES (cont.)</b>
5	Simpson Code
	<b>MICROFICHE</b>
	Microfiche, Data Plots and Graphs, 1949- 1969
	<b>PHOTOGRAPHS AND SLIDES</b>
	Freud's Pictures, Photographic Prints, n.d.
	Prints and Negatives, n.d.
	Negatives, n.d.
	FLIP Photographs and Negatives, n.d
	Downwind Expedition Negatives, n.d.
6	Prints and Negatives, Gulf of Alaska, n.d.
	NORPAC Negatives, 1957
	NEL Negatives, Third Navy Symposium, Mid Ocean, May 1966 Negatives
	Pacific Science Congress, Tokyo, Negatives, 1966.
	AGU San Francisco, December 2-5, 1968, Negatives.
	Ottawa Paper, March 31, 1972, Negatives.
	Slides, 1958-1974
	NAGA S-5 Slides, c. 1960
	Second Oceanographic Congress, Moscow, 1966, Slides
	FLIP, Japan 1970
	<b>LANTERN SLIDES</b>
7	SB NEL Slides, E-4

**Box**

**Folder Title**

**LANTERN SLIDES (cont.)**

7 New York Slides

Downwind

CalCOFI MLR

Slides for Sardine

NAGA S-5 Slides

FLIP

8 SB Sonar Slides

Speech at ASLO San Diego, Reference Period

Hans Klein

Slides for Marshall Islands Speech

Slides for New York Speech

Slides for Helsinki Speech

Slides for Gulf of Alaska Speech

Slides for NORPAC Speech

American Geophysical Union

Berkeley, Jan. 1961

1969

**FILMS**

9 Unidentified

Atlantic, 16 mm film Coop, n.d.

9 Original FLIP Strip Charts (Poor), n.d. 16 mm film.

12 Year Averages, 16 mm film loop, n.d.

**Box****Folder Title****FILMS (cont.)**

- 9 USNOTS [U.S. Navy Ordinance Test Station], Film loop, n.d., color, silent, 16 mm.
- 10 Solana Beach, California, Data, November 1960, 16 mm film.
- Internal Waves of Tidal Period, c. 1961. Color, Sound, 16 mm film, 8 minutes.
- NAGA Expedition, Gulf of Thailand and South China Sea, 1959- 1963, 16 mm color film
- Microfilm, Japanese 10-year means.