



Smithsonian Institution Archives

Farouk El-Baz Papers, circa 1965-1983

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Washington, D.C.
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Collection Overview

Repository:	Smithsonian Institution Archives, Washington, D.C., osiaref@si.edu
Title:	Farouk El-Baz Papers
Identifier:	Record Unit 7415
Date:	circa 1965-1983
Extent:	74.67 cu. ft. (54 record storage boxes) (2 document boxes) (4 16x20 boxes) (2 3x5 boxes) (7 5x8 boxes) (18 tall document boxes) (28 oversize folders)
Creator::	El-Baz, Farouk
Language:	English

Administrative Information

Oversize

This collection contains oversize material.

Preferred Citation

Smithsonian Institution Archives, Record Unit 7415, Farouk El-Baz Papers

Use Restriction

Restricted for duration of Farouk El-Baz's lifetime without written permission from Donor. Contact reference staff for details.

Historical Note

Farouk El-Baz (1938-) was born in Zagazig, Egypt. He received a B.S. in Chemistry and Geology in 1958 from Ain Shams University, Cairo. In 1960 he came to the United States, where he earned an M.S. in geology at the Missouri School of Mines and Metallurgy in 1961 and a Ph.D. in geology at the University of Missouri in 1964. After teaching for a short period, he worked as an exploration geologist for an oil company, 1966-1967.

In 1967 he joined the staff of the Lunar Exploration Department of Bellcomm, Inc., and Bell Telephone Laboratories, and in 1969, became supervisor of lunar science planning and lunar science operations. In this position, he worked directly with the United States space program on lunar data analysis, landing site selection, lunar exploration planning, and orbital science crew training. In 1969 he was named a member of the Apollo Program Science Support Team.

At Bellcomm El-Baz began pioneering work in remote sensing in which a variety of scientific means are used to examine the surface of the earth or the moon from space. This work led him into the use of space photography to study the earth's deserts.

In 1973 El-Baz joined the staff of the Smithsonian's National Air and Space Museum, where he established the Center for Earth and Planetary Studies, which he directed until 1982. At the same time, he served as science advisor to President Anwar Sadat of Egypt, 1978-1981.

In 1982 El-Baz became Vice President for International Development at Itek Optical Systems in Lexington, Massachusetts. In 1986 he accepted the position of Director of the Boston University Center for Remote Sensing.

In addition to his work on remote sensing, El-Baz is also known for his participation in the International Astronomical Union's Task Group for Lunar Nomenclature, which was responsible for naming the features of the moon's surface geography.

El-Baz has been a citizen of the United States since 1970.

Descriptive Entry

These papers primarily document Farouk El-Baz's work at Bellcomm, his lunar studies and work with the United States Apollo program, and his participation in the Apollo-Soyuz Test Program, in which astronauts in space studied the earth's deserts. Also included is his Desert Bibliography. Papers include correspondence and memoranda, minutes of meetings, reports, charts, maps, printouts, logs, flight plans, press releases, and material relating to his book, "Apollo Over the Moon." His participation in the lunar nomenclature committee, which is well represented, includes minutes of meetings, charts, and correspondence with committee members. There is also a copy of the master list of lunar names. For additional documentation of El-Baz's activities, see records of the Center for Earth and Planetary Studies, National Air and Space Museum, Record Unit 353.

Some of the abbreviations used include:

ATO - Apollo Target of Opportunity Flight Chart

ALO - Apollo Lunar Orbit Chart

AEO - Apollo Earth Orbit Chart

LSF - Lunar Orbital Science Flight Chart

NDR - Deepspace Recovery Planning Chart

LSC - Lunar Orbital Science Contingency Flight Chart

Names and Subject Terms

This collection is indexed in the online catalog of the Smithsonian Institution under the following terms:

Subjects:

Astrogeology

Astronautics

Astrophysics

Lunar geophysics

Types of Materials:

Audiotapes
Black-and-white photographs
Black-and-white transparencies
Drawings
Manuscripts
Maps
Microfilms
Sound recordings

Names:

Ain Shams University
Apollo Soyuz Test Project
Bell Telephone Laboratories
Bellcomm, Inc.
El-Baz, Farouk
International Astronomical Union
Itek Corporation
Missouri School of Mines and Metallurgy
National Air and Space Museum (U.S.). Center for Earth and Planetary Studies
Pan American-United Arab Republic Oil Company
Project Apollo (U.S.)
Sadat, Anwar, 1918-1981
United States. National Aeronautics and Space Administration
University of Missouri

Geographic Names:

Moon -- Exploration

Preferred Titles:

Apollo over the moon: a view from orbit (Monograph)

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Box 19 of 87 IAU Brighton, 1970

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Box 20 of 87 IAU Task Group Meeting, SI, 1977

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Box 20 of 87 IAU Montreal, 1979

Box 20 of 87 IAU Hungary, 1980

Box 20 of 87 IAU Bath, 1981

Box 20 of 87 IAU Patras, Greece, 1982

Box 20 of 87 1984 Task Group Proposals

Box 20 of 87 IAU WGPSN (Working Group for Planetary System Nomenclature)

Box 20 of 87 IUCM-CIUL (Inter-Union Commission on Lunar Studies)

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Box 23 of 87 DMA/TC (Defense Mapping Agency Topographic Center) Progress Reports

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Box 27 of 87 Lunar Regolith Conference, 1974

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Box 27 of 87 Fifth Lunar Science Conference, 1974

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Box 27 of 87 Summary Report of the Haystack Observatory, 1974-1975

Box 27 of 87 Geochemistry Conference, University of California, San Diego, 1974

Box 27 of 87 USIA (United States Information Agency)/State Department Tour, Saudi Arabia, 1974

Box 27 of 87 Rocco Petrone: Award at the Fourth Lunar Science Conference

Box 27 of 87 Al Worden Poetry Reading, 1974

Box 27 of 87 Trip to Smith College

Box 27 of 87 AAAS (American Association for the Advancement of Science) Conference, San Francisco, 1974

Box 27 of 87 ICUM-CIUL (Inter-Union Commission on Lunar Studies) Meeting, Paris

Box 27 of 87 Lunar Geology Conference

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