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Director's Records, 1982-1986

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Table of Contents

Collection Overview	1
Administrative Information	1
Descriptive Entry.....	1
Names and Subjects	1
Container Listing	3

Collection Overview

Repository:	Smithsonian Institution Archives, Washington, D.C., osiaref@si.edu
Title:	Director's Records
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Administrative Information

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Descriptive Entry

This accession consists of records related to the Conservation Analytical Laboratory's (CAL) participation in the National Acid Precipitation Assessment Program (NAPAP), in particular Task Group G which dealt with the Effects on Materials and Cultural Resources. These records were maintained by R. M. Organ, Director (1968-1983) and Lambertus Van Zelst, Director (1985-2004). Materials include correspondence, memoranda, guidelines, data, a black-and-white photograph, and reports.

Names and Subject Terms

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

Subjects:

- Acid rain
- Cultural property
- Materials -- Conservation and restoration
- Preservation of materials

Types of Materials:

- Black-and-white photographs
- Manuscripts

Names:

National Acid Precipitation Assessment Program (U.S.)
Organ, R. M.
Van Zelst, Lambertus

Container Listing

Box 1

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|------------|---------------|-------|---|
| Box 1 of 1 | 1982 | Note: | <ul style="list-style-type: none">Annual Report 1982 to the President and Congress: National Acid Precipitation Assessment Program, Washington, D.C. |
| Box 1 of 1 | December 1983 | Note: | <ul style="list-style-type: none">Memo: Draft 3rd Annual Report from the Acid Rain Research CoordinatorMemo: International Meetings Related to Materials Effects from Richard Livingston, Acid Deposition Research Staff |
| Box 1 of 1 | 1984 | Note: | <ul style="list-style-type: none">Preservation Assistance Division Information National Park Service |
| Box 1 of 1 | February 1984 | Note: | <ul style="list-style-type: none">Report on the Assessment Activities and Materials Effects Research Review Meeting of the National Acid Precipitation Assessment Program, February 14-17, 1984, Burlington, VermontMemo: Scope of Work for Review from Acid Rain Research Coordinator Preservation Assistance DivisionMemo: Review of Scope of Work (G4-3) from Acid Rain Research CoordinatorMaterials Effects Task Group (G) and Assessments and Policy Analysis Task Group (I) Peer Review Abstracts, February 14-17, 1984, Burlington, VermontMarble Tombstones in National Cemeteries as Indicators of Stone Damage: General MethodsDescription of the Data Base and Initial ResultsThe Use of Travel Costs and Recreation Expenditures to Estimate the Benefits of Reductions in Acid DepositionOverview of Cultural Resources Monitoring Methods ResearchCompile Air Quality and Deposition DataDimensioning the Uncertainty Around Estimates of Forest DamageA Possible Extension of Previous Work |

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|------------|-------------------------|---|
| | | <ul style="list-style-type: none">• Contingent Market Study for Estimating the Benefits of Reduced Acid Deposition• Economic Valuation of Changes in Materials Damages• Effects of Acid Deposition on the Corrosion of Structural Materials in the Atmosphere• Retrospective Modeling of Atmospheric Sulfur |
| Box 1 of 1 | May 1984
Note: | <ul style="list-style-type: none">• Memo: Task Group Meeting 9:00 a.m., May 9, 1984, Washington, D.C. from Raymond Herrmann, Chairman• Memo: Revised Stone Group Minutes of May 10, 1984 Meeting from Bruce R. Doe• Upgrade Field Exposure Program |
| Box 1 of 1 | July 1984
Note: | <ul style="list-style-type: none">• Memo: G: Effects on Materials and Cultural Resources FY 1986 Interagency Budget Presentation, July 1984• Acid Rain Site Management Plan for Dimension Stone by U. S. National Park Service |
| Box 1 of 1 | August 1984
Note: | <ul style="list-style-type: none">• Memo: Task Group Meeting, August 14, 1984 from Acid Rain Research Coordinator• Memo: Minutes of Task Group G Meeting, August 14, 1984 from Acid Rain Research Coordinator Preservation Assistance Division• Memo: NAPAP Acknowledgment in Publications from Acid Rain Research Coordinator• Correspondence: To Dr. Lambertus van Zelst, From Richard A. Livingston |
| Box 1 of 1 | September 1984
Note: | <ul style="list-style-type: none">• Acid Rain Essentials• Memo: Use of Senior Environmental Employment Workers to Collect Runoff Samples from Dick Livingston Acid Rain Research Staff• Miscellaneous Charts and Tables |
| Box 1 of 1 | October 1984
Note: | <ul style="list-style-type: none">• Memo: Review of Scope of Work-Task Group G Project G3-1.03 from Acid Rain Research Coordinator Preservation Assistance Division |

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|------------|---------------|-------|---|
| Box 1 of 1 | November 1984 | Note: | <ul style="list-style-type: none">• Memo: The 1984 Annual Report and Other Assorted Miscellaneous Task Group Business from Raymond Herrmann, Chairman• Memo: Preparation of 1984 NAPAP Annual Report to Congress from Acid Rain Research Coordinator Preservation Assistance Division• Report of Physical Testing of SALS Samples of Salem Limestone Members of Stone Group |
| Box 1 of 1 | January 1985 | Note: | <ul style="list-style-type: none">• Memo: Draft Report on Materials Effects Research for UN ECE from Richard Livingston, Acid Deposition and Atmospheric Research Division (RD-676)• The Effect of Pretreatments on Tensile Bond Strength |
| Box 1 of 1 | March 1985 | Note: | <ul style="list-style-type: none">• Memo: Review of "Examination of Stone Buildings" from Acid Rain Research Coordinator Preservation Assistance Division; Examination of Stone Buildings• The ARB Research Bulletin |
| Box 1 of 1 | April 1985 | Note: | <ul style="list-style-type: none">• Correspondence: from Air Resources Board• Memo: Evidence of Pollution Damage to Stone from Bruce R. Doe Preservation Assistance Division• Photograph: Baluster in the Balustrade around the patio and west side of the Pan American Union Building, Washington, D.C. taken by Debbie Dwornik |
| Box 1 of 1 | June 1985 | Note: | <ul style="list-style-type: none">• Examinations of Stone Buildings• Memo: The Concerns of Walter L. Warnick from Raymond Herrmann, Chairman• Degradation of Materials Due to Acid Rain, 20th State-of-the-Art Symposium, June 17-19, 1985, Stouffer's Concourse Hotel, Arlington, Virginia: Program and Abstracts |
| Box 1 of 1 | July 1985 | Note: | <ul style="list-style-type: none">• Memo: Task Group G Meeting, July 30, 1985, Sheraton, Crystal City, Virginia from Acid Rain Research Coordinator |

- G: Effects on Materials and Cultural Resources FY 1987 Interagency Budget Presentation July 1985
- Box 1 of 1 August 1985
 Note:
- Memo: Review of "Rainfall pH-Measurements Variations for Various Protocols at Research Triangle Park, North Carolina" from Acid Rain Research Coordinator
 - Draft Copy: Rainfall pH-Measurements Variations for Various Protocols at Research Triangle Park, North Carolina
 - Memo: Draft 1985 Assessment Materials Chapter from Acting Chairman, Task Group G, National Acid Precipitation Program
- Box 1 of 1 October 1985
 Note:
- Memo: Final FY 1987 Task Group from Chairman, Task Group G
 - G: Effects on Materials and Cultural Resources FY 1987 Interagency Budget Presentation October 1985
 - Memo: Review of Scope of Work-Task Group G Project G3-1.03 from Acid Rain Research Coordinator Preservation Assistance Division
- Box 1 of 1 November 1985
 Note:
- Correspondence: To Task Group G members from David R. Flinn
 - Guidelines for a standard method of measuring rates of stone decay
- Box 1 of 1 December 1985
 Note:
- Department of the Interior US Geological Survey: Description, selection, and procurement of Shelburne Marble Samples used to study effects of acid rain
 - Memo: Draft description of environmental data requirements from Acid Rain Research Coordinator Preservation Assistance Division
 - Correspondence: to Task Group G members from George Y. Jordy
 - Addressees
 - Effects of acid deposition on materials Draft of a research plan
 - References
- Box 1 of 1 February 1986

- Note:
- Correspondence: to Susan Sherwood from John P. Carter
 - pH Meter readings

Box 1 of 1

March 1986

- Note:
- Correspondence: to Susan Sherwood from Robert F. Blakely
 - Memo: Stone Group meeting, March 25-26, 1986, Reston, Virginia from Acid Rain Research Coordinator Preservation Assistance Division
 - Stone Group Meeting agenda
 - Event Announcement: APT Washington Chapter, Tour of the Renwick Gallery, Topic: Solutions to Stone Deterioration, Guide: Gary Brenner, Smithsonian Institution
 - Miscellaneous meeting agenda program
 - Methods of chemical analyses for selected species in marble and limestone surfaces exposed to the acidic outdoor environment
 - Limestone and marble dissolution by acid rain: Description of, and preliminary results from, an onsite weathering experiment
 - Remote sensing techniques in assessing effects of acid deposition on building stones
 - Dimensional, chemical, and gravimetric changes in marble and limestone exposed at field test sites of the National Acid Precipitation Assessment Program
 - Holographic interferometry method for assessment of stone surface recession and roughening caused by weathering and acid rain
 - Surface chemistry of Salem limestone and Shelburne marble in an acid rain environment
 - Applications of mineralogic and petrographic techniques to material damage

Box 1 of 1

April 1986

- Note:
- Memo: ASTM C18 meeting notes re NAPAP/ NPS Stone Group interest from A. Youngdahl, Argonne National Lab, Argonne, Illinois 60439
 - Correspondence: To Susan Sherwood from Gerald W. Chase
 - Progress report on acid deposition materials effects research at EPA