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EFFECTS OF AIR POLLUTION ON HISTORIC BUILDINGS AND MONUMENTS

Fact Sheet

Project Information

Grant agreement ID: EV3V0871

Project closed

Start date

1 December 1984

End date

30 May 1986

Funded under

Sectoral research and development programme (EEC) in the field of environment (environmental protection and climatology) - indirect and concerted actions - Environmental protection -, 1981-1985

Total cost

No data

EU contribution

No data

Coordinated by

THE PROVOST, FELLOWS AND SCHOLARS OF THE COLLEGE OF THE HOLY AND UNDIVIDED TRINITY OF QUEEN ELIZABETH NEAR DUBLIN HEREINAFTER TRINITY COLLEGE DUBLIN

 Ireland

Objective

TO ESTABLISH THE CAUSAL RELATIONSHIPS BETWEEN ATMOSPHERIC

POLLUTION AND THE RATE OF DECAY OF MATERIALS USED ON HISTORIC BUILDINGS AND MONUMENTS.

THE RESEARCH PROGRAMME CONSISTS OF FOUR MAIN COURSES OF ACTION:

1. THE PREPARATION OF A COMPREHENSIVE REVIEW OF ALL PUBLICATIONS AND WORKS RELATING TO THIS FIELD OF STUDY. THIS REVIEW WILL TAKE THE FORM OF A CATALOGUED AND INDEXED PORTFOLIO OF REFERENCE WORKS THAT ARE OF VALUE TO ACADEMIC RESEARCHERS, ARCHITECTS, PLANNERS AND LEGISLATORS. IT IS INTENDED THAT THIS REVIEW WILL BE CONTINUOUSLY MAINTAINED AND UP-DATED IN THE FUTURE SO THAT IT WILL, IN EFFECT, BECOME THE CORE OF A COMPREHENSIVE INFORMATION NETWORK.
2. THE MEASURING AND DOCUMENTATION OF A SELECTED NUMBER OF HISTORIC BUILDINGS IN POLLUTED AND NON-POLLUTED ENVIRONMENTS AND THE EXAMINATION OF SAMPLE BUILDINGS CLEANED AND/OR TREATED DURING THE PREVIOUS DECADE.
3. THE DESIGN OF SPECIAL MORTARS AND 'ARTIFICIAL STONES' AND THE SELECTION OF PRESERVATIVE TREATMENTS AND COMPOUNDS AND CLEANING PROCESSES FOR DETAILED EXAMINATION AS APPLIED TO THE MATERIALS UNDER STUDY.
4. A PROGRAMME OF DATA COLLECTION BASED ON FIELD AND LABORATORY MEASUREMENTS OF ATMOSPHERIC POLLUTION (MACRO AND MICRO-CLIMATE) AND MECHANICAL AND CHEMICAL DECOMPOSITION OF THE FOLLOWING MATERIALS: GRANITE, LIMESTONE, PORTLAND STONE, SAND STONE, AND OF MATERIALS USED FOR REPAIRING STONE

Programme(s)

[PRE-ENVPROT 3C - Sectoral research and development programme \(EEC\) in the field of environment \(environmental protection and climatology\) - indirect and concerted actions - Environmental protection -, 1981-1985](#)

Topic(s)

Data not available

Call for proposal

Data not available

Funding Scheme

[CSC - Cost-sharing contracts](#)

Coordinator



**THE PROVOST, FELLOWS AND SCHOLARS OF THE COLLEGE OF THE HOLY
AND UNDIVIDED TRINITY OF QUEEN ELIZABETH NEAR DUBLIN
HEREINAFTER TRINITY COLLEGE DUBLIN**

EU contribution

No data

Total cost

No data

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