OPEN SCIENCE POLICY

INTRODUCTION

The principles of Open Science at Ca' Foscari

Ca' Foscari University of Venice is committed to the advancement and dissemination of knowledge and the benefit of society through open, sustainable, and responsible research practices.

Ca' Foscari University of Venice recognises Open Science as a guiding principle and is committed to supporting it, stimulating the spreading of knowledge, the accessibility and reusability of research outputs. Our University also encourages open access to publications and data, providing infrastructures and developing the necessary skills for its deployment.

What is Open Science

"Open Science" is an approach to the scientific research process based on collaboration, and on open and timely sharing of results. It is a way of sharing knowledge based on networked digital technologies and transparent validation and assessment methods of research outputs. "Open access" to scientific information means the possibility of finding online scientific publications, data, software and any other result of scientific research and teaching, together with the metadata that makes them accessible. Open access means no costs for the user and no legal and technical barriers.

Why Open Science is key

With Open Science the emphasis is on collaboration, equity, inclusion; transparency; reproducible experimental results; critical discussion of data, information, and knowledge; creative research; and making scientific knowledge and innovation available to policymakers, industry, and society at large.

Why policy is key

The benefits of Open Science become visible when it is considered an essential feature of research at all levels. The policy describes a common vision and guides the process of integrating Open Science practices into scientific research at Ca' Foscari.

Purpose of the policy

The purpose of this policy is a cultural shift with the aim to foster an open approach to the scientific research being carried out at the University, with a focus on the following:
- research outputs: data, publications, software, teaching materials
- research methods: reproducibility, replicability, transparency, effectiveness, robustness, and integrity of scientific research.

This policy is addressed to the Ca' Foscari community, i.e. researchers and staff.

POLICY

Open Access to publications

Publications are considered Open Access if they are digital, online, free of charge and can be used without restrictions, notwithstanding the obligation of citing the author.

There are several options for sharing an Open Access publication:
- publishing fully Open Access, with or without payment of APC (Gold OA and Diamond OA)
- depositing in a repository the final version or the accepted (peer-reviewed) version (Green Open Access).

Ca' Foscari University of Venice expects its authors' publications to be "as open as possible, as closed as necessary".

Ca' Foscari University of Venice knows that needs may vary according to academic disciplines. Yet, it recommends publishing under Gold Open Access or Diamond Open Access to maximise research dissemination.

Publications of Ca' Foscari authors must be deposited in ARCA, the institutional repository. Even in the case of closed-access publications, metadata must be freely available under a CC0 licence according to FAIR principles.

Ca' Foscari University of Venice is committed to promoting Diamond OA publishing with its own University Press, Edizioni Ca' Foscari.

Open Access to Research Data

Open data is data produced by scientific research and freely available without restriction.

The University expects the data produced by scientific research conducted at Ca' Foscari to be "as open as possible, as closed as necessary". Ca' Foscari authors are asked to make the raw or processed data produced by their research accessible whenever possible. They should be accessible by the time of publication and without restriction, under CC-BY, and CC0 licences.

Ca' Foscari University of Venice acknowledges that different disciplines produce different types and formats of data. All open data produced by the Ca' Foscari community must comply with quality criteria expressed by the FAIR principles, with the legal requirements for

personal and sensitive data protection, and must be released in machine-readable and non-proprietary file formats.

If the data cannot be open access, it is necessary an explicit statement. Metadata ensuring searchability must in any case be made available under a CC0 licence.

All data produced by researchers in the Ca' Foscari community must be deposited in the institutional research data repository.

Ca' Foscari University of Venice invites researchers to draw up a Data Management Plan for every research activity they are involved in, even when this is not mandatory.

Ca' Foscari University of Venice has appointed an Ethics Committee to support researchers in dealing with any ethical-legal issue connected to research data.

Citizen Science

Ca' Foscari University of Venice promotes initiatives to involve the citizens in the process of production and spreading of scientific knowledge.

Open Science Infrastructures

Ca' Foscari University of Venice guarantees that the institutional repositories for publications and research comply with the required quality standards and FAIR principles. The repositories equally ensure a plan for long-term data preservation and are interoperable with national and international infrastructures.

Training

The Ca' Foscari University Library System, in cooperation with the other facilities of the University, undertakes to develop in-formation and training activities for researchers and staff to foster the adoption of Open Science practices and tools, as well as the implementation of this policy.

Implementation and monitoring

The University is committed to monitoring how this policy is put into practice. Specific tools will be defined for this purpose in specific Open Science implementation plans.

The *Open Science Policy* was approved by the Board of the University Library System (SBA) on 12 October 2023 and conveyed to the Academic Senate on 25 October 2023.