



Applied Computational Social Sciences
Data-Intensive Governance - PSL Institute

**Expertise in SOCIAL SCIENCES
research coupled with _____
DATA SCIENCE capabilities in
order to:**

- Increase the relevance of academic research to the challenges facing society
- Shed some light on governmental and private sectors decision-making
- Foster better collective governance



Dauphine
UNIVERSITÉ PARIS



INSP
Institut
national
du service
public



Institut | Nicod

The PSL-ACSS Institute: mission

The **digital revolution** makes it possible to collect and process **massive amounts** of **heterogeneous data**, removing the limitations of traditional observation methods and preparing the ground for significant progress in the **social sciences**.

Data sciences not only contribute to advances in the **social sciences**, but the knowledge and **observation capacities** developed can be useful for **helping economic, political, and social actors** better understand and steer the transformations under way.

The Institute directly brings together around **30 scientific project leaders**, who in turn mobilise a community of approximately **60 senior and 30 junior scientific researchers**—a workforce that is slated to grow. They notably hold **five teaching and research chairs** and are in charge of more than ten projects financed by the European Commission or the French National Research Agency.

This research capacity in the social sciences (economics, management, sociology, political science, and behavioural sciences) hinges on a team of **data science engineers, a computing centre**, and massive, secure data storage capacity.

These resources form the core of a **platform** that promotes **synergies** between social, economic, and political actors who pool their know-how in order to make scientific advances and develop knowledge and tools **useful for decision-making or public debate**, in particular on the **following subjects**:

- **threats to social and political cohesion** and the tools to resolve them

- **the ecologic transition** and the quest for more sustainable development models

- **the digital transformation** and the associated organisational and governance models

- **the challenges of economic efficiency** and competition in a global economy.

In all these areas, citizens and economic and social actors are also expressing a demand for **a renewal of governance practices** and a need for a redesign of the international order.

The PSL-ACSS Institute: a synergistic platform for its researchers

The Institute provides a platform for PSL researchers, fundamentally designed to allow the **targeted pooling of resources** in order to:

- Conduct **ambitious projects** with a long time horizon
- Function as a **training resource** (basic and continuing training)
- Develop **partnerships** with businesses and public organisations
- Provide a **touchstone for public debate** by producing and disseminating independent and trustworthy information, making explicit the current state and the limitations of our knowledge of the economic, political, and social issues facing society

For all of its subjects, the PSL-ACSS Institute unites a wide range of individuals who contribute to major funded research programmes

RESEARCH CENTERS CONCERNED AT PSL UNIVERSITY

Laboratoire d'Analyse et de Modélisation de Systèmes pour l'Aide à la Décision /Dauphine
Laboratoire d'Économie de Dauphine Centre d'Expertise et de Recherche Administrative /INSP
Laboratoire de Neurosciences Cognitives & Computationnelles/Institut Jean Nicod, ENS
Centre d'Économie Industrielle/Mines ParisTech
Centre de Recherche en Mathématiques de la Décision /Dauphine
Dauphine Recherches en Management
Département Philosophie/ENS
Institut de Recherche Interdisciplinaire en Sciences Sociales/Dauphine

CORRESPONDING DISCIPLINES

Administrative sciences
Cognitive sciences
Computers and data science
Economics
Finance
Management
Mathematics
Political Science and sociology

CHAIRS & PROGRAMMES FUNDED AND RUN BY THE INSTITUTE'S RESEARCH STAFF

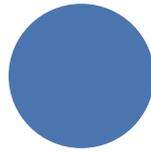
ACPR Regulation and Systemic Risk Chair
French National Research Agency (ANR) Job quality and Work Sustainability
ANR APB Graduate admissions
ANR MEADOW-job market
ANR Eco REes-santé
ANR Osmose H2020
ANR Passage des disciplines
ANR Vhealth
Climate Economics Chair
Corporate Honorum Project
FinTech Chair
Fondation du risque-Quantitative Management Initiative
GDR (Research Group) Policy Analytics
Governance and Regulation Chair
INSP-ENS Savoir-Prévoir-Pouvoir Chair
IDR (Research Initiative) PREF-Risk Taking for the French Saver
IDR Quantitative Management Development
"Mieux voter" Association
Social Responsibility of Algorithms Project
The Digital Governance Challenge Project
Think Tank FONDAFIP
Women in Companies Governance Project

**POLITICAL
AND SOCIAL
COHESION**

**ECOLOGIC
TRANSITION**

**DIGITAL
TRANSFORMATION**

**EFFICIENCY AND
COMPETITIVENESS**



To support the development of the Institute, partners provide funding for both its operation and its research projects, of which these partners are the primary beneficiaries.

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: **SUPPORTING** :
: **THE PSL-ACSS** :
: **INSTITUTE** :
: **MEANS:** :
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- **Directly participating in the production of knowledge** to inform a conversation on social issues and the collective strategies to be deployed.
- **Contributing to the elaboration of policies** based on a thorough processing of the relevant data and a careful examination of the socio-economic challenges.
- **Taking advantage of a platform supporting neutral exchanges** relying on a network of public and private partners with the potential to provide innovative solutions both in terms of public policy and industrial and commercial strategy.
- **Benefiting from a pool of skills that can be mobilised** to tackle specific issues related to major socio-economic challenges.
- **Benefiting from a 60% tax deduction for donations** to the PSL Foundation.

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