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## Publish and review model in France

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Singapore Management University

## Institutional Knowledge at Singapore Management University

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COAR Asia OA Meeting 2021

COAR Asia OA Meeting 2021

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Oct 27th, 2:15 PM

### Panel Discussion 4 | Peer community in ... : Publish and review models in France

Thomas GUILLEMAUD

*PCI*

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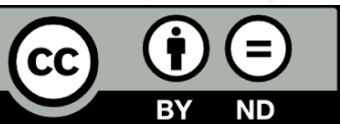
# Peer Community In ...

## Publish and Review Models in France

Denis Bourguet , Benoit Facon, Thomas Guillemaud, Marjolaine Hamelin

**INRAE**

PCI



A complex network diagram with numerous nodes of varying sizes and colors (light blue, white, grey) connected by thin lines, forming a dense web. The nodes are distributed across the entire page, with a higher concentration in the center.

# French context

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# Open Science in France

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- Open Science is a governmental priority  
Access for all & Science quality
  - 2016: Law for a digital republic = all articles should be freely available to readers
  - 2018-2024: National plan for Open Science = all articles should be freely available to readers
  - National Research funding agency in European COALITION S  
PLAN S = generalisation of OA

# Cost problem of the publication system

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- Publication cost = 150 M€ = 1/4 of the research call budget of the National research funding Agency
- ➔ Gold Open access with APC is a problem
- Some solutions:
  - Green Open access / HAL : national open repository
  - Good quality Diamond OA journals + Overlay journals (only in mathematics and Humanities)
  - Preprints

# How to regain control of scholarly publishing? How to refocus on articles and not journals quality?

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## ==> PEER COMMUNITY IN

- preprints + peer-review + validation  
= Publish, then Review, than Curate model

**Communities of researchers** handling the **evaluation** of (through peer review) and **recommending preprints** in their scientific field.

bioRxiv

arXiv.org

zenodo

HAL  
archives-ouvertes.fr

OSF PREPRINTS

*PCI Ecology*

*PCI Evolutionary Biology*

*PCI Genomics*

etc..

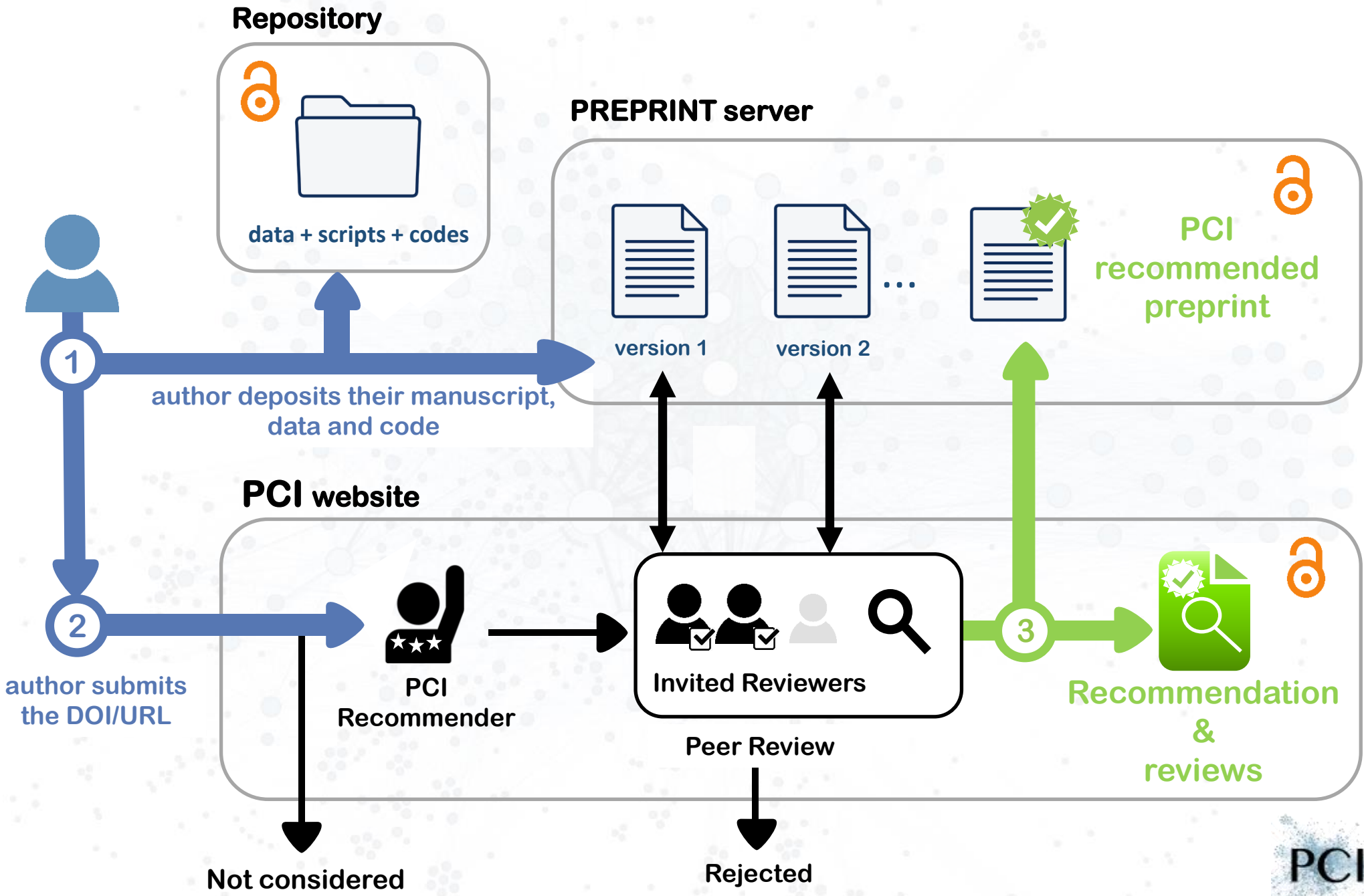
→ 14 PCIs

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# How does it work?

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# Consequences

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# Consequences

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- **Big savings for research** agencies (150 €/paper instead of 3000 € on average)
- **Results accessible** to all and right away because preprints
- **Transparency** of data, methods, scripts, codes, ideas, hypotheses
- **Transparency** of evaluations
- The editorial policy of a journal is replaced by a **clear and argued recommendation** text

How do research performing  
and research funding  
institutions support this  
process?

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# Institutions and universities



MAX-PLANCK INSTITUTE FOR EVOLUTIONARY BIOLOGY



UNIVERSITÉ DE MONTPELLIER



Swiss Institute of Bioinformatics



Université de Limoges



Inrap



Aix\*Marseille université

UNIVERSITÉ CÔTE D'AZUR



École Pratique des Hautes Études

PSL



CRÉATEURS DE FUTURS DEPUIS 1257

Université de Guyane



Institut de Recherche pour le Développement FRANCE



université de BORDEAUX



UNIVERSITÉ DE RENNES 1



Max Planck Institute for Evolutionary Anthropology

# Grants, awards and projects

PCI is one of the winners of the first call for projects of the French National Open Science Fund (2020)



Pilote project in « Notify » with COAR, Harvard Library, Los Alamos Lab, HAL, etc...

2020 LIBER Award for Library Innovation



**COAR**  
Confederation  
of Open Access  
Repositories

# Recognition by evaluation committees



Sections 29, 30 and 52 of the **National Committee for Scientific Research**



**CNU**

Conseil National des Universités

Section 67 of the **Conseil National des Universités**



CSS BPE of the **French National Institute for Agricultural Research**



Institut de Recherche pour le Développement  
FRANCE

CSS3 of the **French National Research Institute for Development**

Consider the articles recommended by PCI Evol Biol, PCI Ecology and PCI Paleo... in the same way as an article published in an indexed scientific journal

+ Working groups in large research institutes

# Recognition by Doctoral Schools

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**Doctoral Programme in Biodiversity, Genetics and Evolution (BIODIV)** – Univ. Porto & Univ Lisbon, Portugal

**Programa de Doctorado en Biología Integrada** – Univ. de Sevilla, Spain

**ED Sciences de la Vie et de la Santé** – Univ. Nice, France

**ED SEVAB** – Univ. Toulouse, France

**ED Science de l'Environnement** – Univ Aix Marseille, France

**ED Gaïa** – Univ Montpellier, France

**ED Sciences, Technologies et Santé** – Univ. La Réunion, France

**ED Écologie, Géosciences, Agronomie, ALimentation** – Univ. Rennes, France

**ED Energie et Environnement** – Univ. Perpignan, France

**ED Sciences de la Mer et du Littoral** – Univ. Brest, Nantes, , France

**ED Theodore Monod** – Univ Poitiers, France

**ED ABIES** – Univ. Saclay, France

**ED Environnements-Santé** – Univ. Bourgogne Franche-Comté, France

**ED E2M2** – Univ Lyon, France

**ED Sciences de la Nature et de l'Homme** : écologie & évolution – MNHN, France

**ED Sciences du végétal** : du gène à l'écosystème – Univ. Orsay, France

**ED SMRE** – Univ. Lille, France

**ED Structure et Dynamique des Systèmes Vivants** – Univ. Saclay, France

**ED Sciences Exactes et Applications** – Univ. Pau et Pays de l'Adour, France

**ED SVSAE** – Univ. Clermont Auvergne, France



How inclusiveness and equity is ensured in this process?

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# Inclusiveness and equity

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- 1) **Free process for authors and for readers**
- 2) Anonymity possible for reviewers and authors
- 4) Promotion during recruitment of recommenders and reviewers
- 3) Signatory of the joint statement of Principles of C4DISC  
<https://c4disc.org/principles/>