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Publish and review model in France

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

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Peer Community In ...

Publish and Review Models in France

Denis Bourguet , Benoit Facon, Thomas Guillemaud, Marjolaine Hamelin

INRAE

PCI





French context

Open Science in France

- 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

- 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?

==> 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

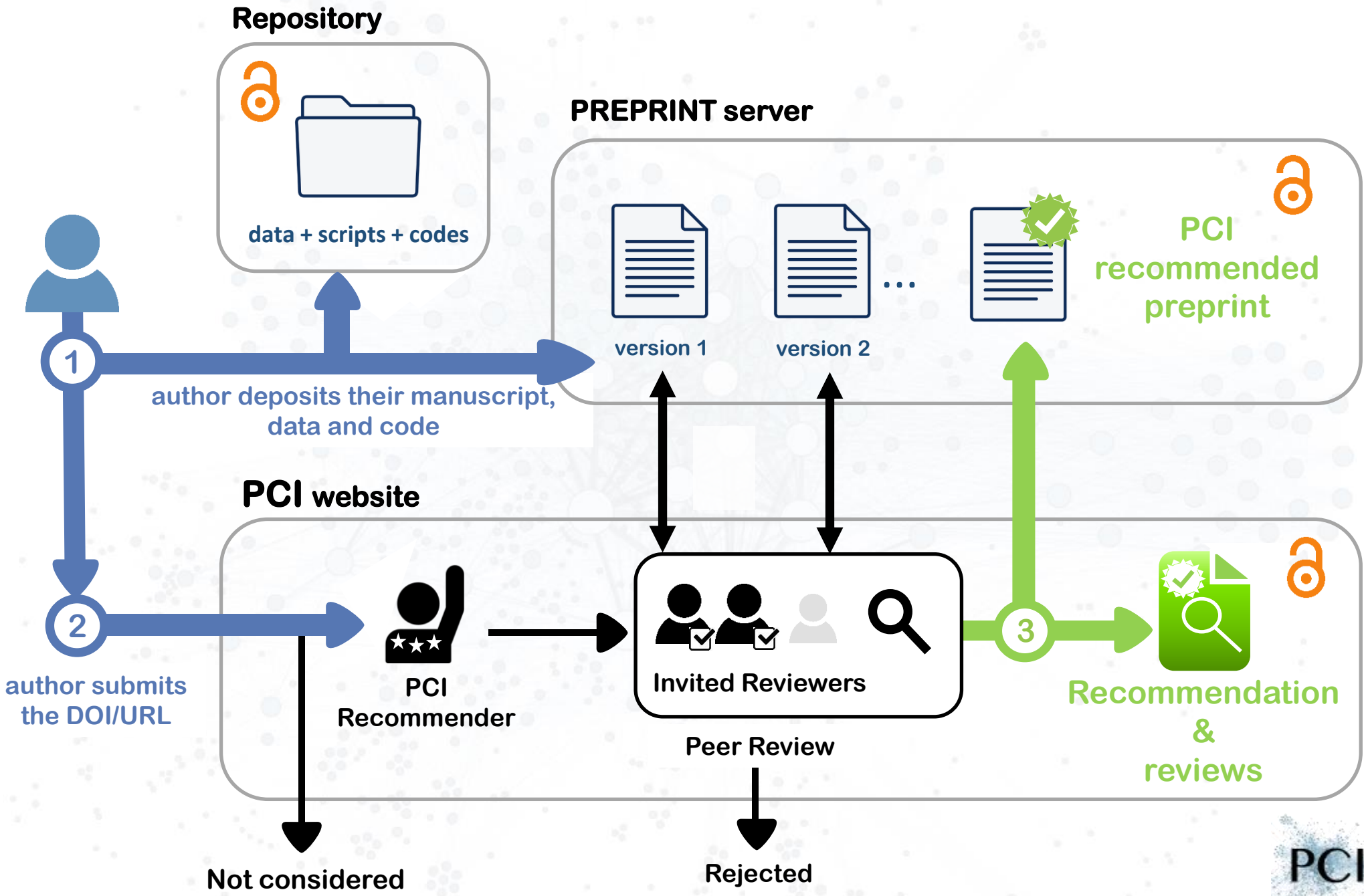
PCI Genomics

etc..

→ 14 PCIs

PCI

How does it work?





Consequences

Consequences

- **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?

Institutions and universities

INRAE

cnrs

université
PARIS-SACLAY

SupAgro
Montpellier

Université
Fédérale
Toulouse
Midi-Pyrénées

KU LEUVEN



MAX-PLANCK INSTITUTE
FOR EVOLUTIONARY BIOLOGY



UNIVERSITÉ DE
MONTPELLIER



Swiss Institute of
Bioinformatics

ULB



Université
de Limoges

LIÈGE
université

Inrap

UCLouvain

UNIVERSITÉ
Clermont
Auvergne

Aix*Marseille
université

UNIVERSITÉ
CÔTE D'AZUR

cnrs
INEE

UFR Lyon 1



École Pratique
des Hautes Études

PSL

SORBONNE
UNIVERSITÉ
CRÉATEURS DE FUTURS
DEPUIS 1257

Université
de Guyane

IRD

Institut de Recherche
pour le Développement
FRANCE

UNIVERSITÉ
DE LORRAINE

université
de BORDEAUX

Université
de Strasbourg

UNIVERSITÉ DE
RENNES 1

UVSQ
UNIVERSITÉ PARIS-SACLAY

AgroParisTech
Ifremer



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

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?

Inclusiveness and equity

- 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/>