

Pierre BRICAGE (1947, Paris, France)



Retired, Adjunct Professor, **Université de Pau et des Pays de l'Adour (France, Europe)**
Biology & Health and Social Sciences Engineering

Teaching & Research in Biology and Ecology

Biological Rhythms: from the wild to the laboratory and back & from cell to man.

Physiology: Biochemical, Ecological & Genetical Aspects of Plant Enzymes & Pigments, Tissue Cultures.

- **Sustainable Management of Natural Resources** and **Environmental Education**.
- Systems Theories & **Applied Micro-Informatics** and Data Bases (modelling, programming, simulating).

Teaching & Research in Engineering, Technology and Informatics

BioTechnology: Patents' co-contributions of bacterial strains, chemicals, Quality Control methodology & software.

Education: training/coaching Governance & Educative information and communication Numeric Technology.

Health Engineering: **AIDS curative vaccine methodology** Paris (2005) <http://hal.archives-ouvertes.fr/hal-00352578/fr>
cancer curative vaccine methodology Lisbon (2008) <http://hal.archives-ouvertes.fr/hal-00351226/fr>

Societal Engineering: Associative Governance, Anthro-politics & territorial systems' governance, system's evolution,
Systemic Approach of Governance <http://halshs.archives-ouvertes.fr/halshs-00130212>

More than 250 works (papers, books, CD, booklets) in more than 10 countries

<http://web.univ-pau.fr/~bricage/>

Since 2000, All OnLine "Creative Commons" works

Back to Fundamentals in Biology & Systemics Practical Applications

Paradigms, Methods & Key Words in bio-systemics :

- **ARMSADA** <http://hal.archives-ouvertes.fr/hal-00130218/fr>

"Associations for the *Reciprocal and Mutual Sharing of Advantages and DisAdvantages*" <http://www.armsada.eu>

- **EndoPhysioTope** and **EcoExoTope**, "*the gauge invariance of life*",

- **PhyloTagmoTaphology** <http://hal.archives-ouvertes.fr/hal-00423730/fr>

Adjunct Secretary General of the **French Association of Systemics and Cybernetics**

AFSCET Association Française de sciences des Systèmes Cybernétiques, cognitifs Et Techniques

<http://www.afscet.asso.fr>

appointed Academician of the **International Academy for Systems and Cybernetic Sciences** Vienna (2010),

IASCYS Executive Committee, Secretary General Chengdu (oct. 2010)

pierre.bricage@univ-pau.fr