



Living with Xylella The dynamics of knowledge within X. fastidiosa "sociopathosystems" in Puglia and Corsica

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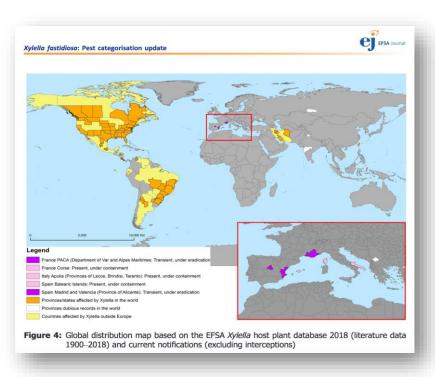




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Introduction





Research Questions

 What could be the benefit of comparing the emergence of the same epipythie in different both biotic and social contexts?

The issue: how to introduce social studies of science/knowledge among the scientific accounts of the Xf emergence?

The classical commitment of social sciences in risk research:

- Impact and risk assessment of measures; Acceptability of measures; Communication

But the emergence of diseases is also framed, constrained, conditioned by social factors from the early beginning of outbreaks (resistance, practices, judiciarisation, regulation, balance of power) and decision makers and outbreaks managers are making arrangement with all these

How to be involved in the understanding of emergence and what for?



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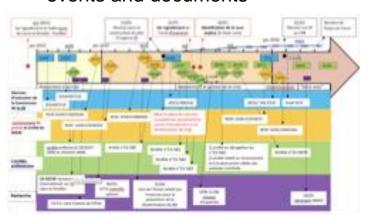


Methods and Frames



Materials and methods

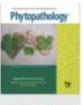
- Participant Observation in Conferences, Seminars, Events
- In-Depth Interviews to Experts,
 Stakeholders, representatives,
 Social movements' members
- Management settings analysis
- Analytic Thick Chronology based on events and documents



Scientific outcomes

- * Scientific publications
 - Colella et al. (2019) Problem Setting and Problem Solving in the Case of Olive Quick Decline Syndrome in Apulia, Italy: A Sociological Approach.
 - Panziera (2020) A socio-anthropology of woes to explore plants status.
 - Charrier et al. (2020). Make the unmanageable manageable by the collective transformation of the management situation.
- * Contribution to research project strategy and participatory approach into them
- * Contribution to Scientific Expert Committee in (Corsica)











The ways-of-being of social phenomena triggered by Xf

-> Political and Juridical



Proc. Penale N. 10497/2015 RGNR

DECRETO DI SEQUESTRO PREVENTIVO D'URGENZA - artt. 321 e segg. c.p.p. -

Il Pubblico Ministero Dott.ssa Elsa Valeria MIGNONE e dott.ssa Roberta Licci

Visti gli atti del procedimento penale n. 10497/15, già iscritto nel reg. mod. 44 nei confronti di ignoti in data 08.04.2014, con il n. 3011/2014:

-> Building frontiers



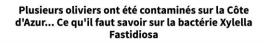


Santé: la Corse en proie aux

attaques extérieures

Publić le lundi 08 septembre 2014 à 07h07 - 1

-> People and groups facing the threat















-> Making sense with woes















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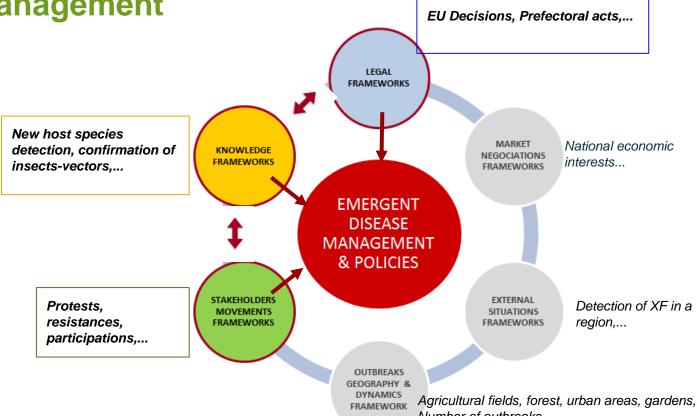
Results





Frame: The multi-dimensionality of

frames for management



Agricultural fields, forest, urban areas, gardens,... Number of outbreaks



Comparative framework; three analytical layers

Legal/regulation layer:

- How Xf is framed in official texts & discourses and how it drives strategic management settings

Ex: EU Decision based on plant hosts lists

Knowledge production layer:

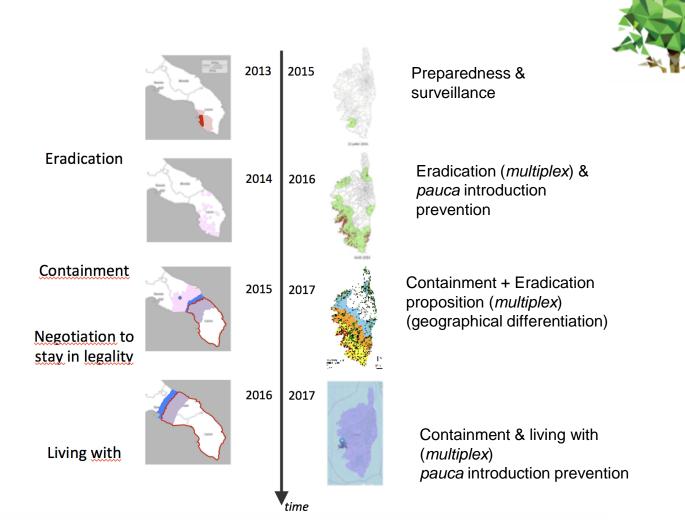
how progressive knowledge production (scientific or operational knowledge)
 produces different frames that modify operational management settings

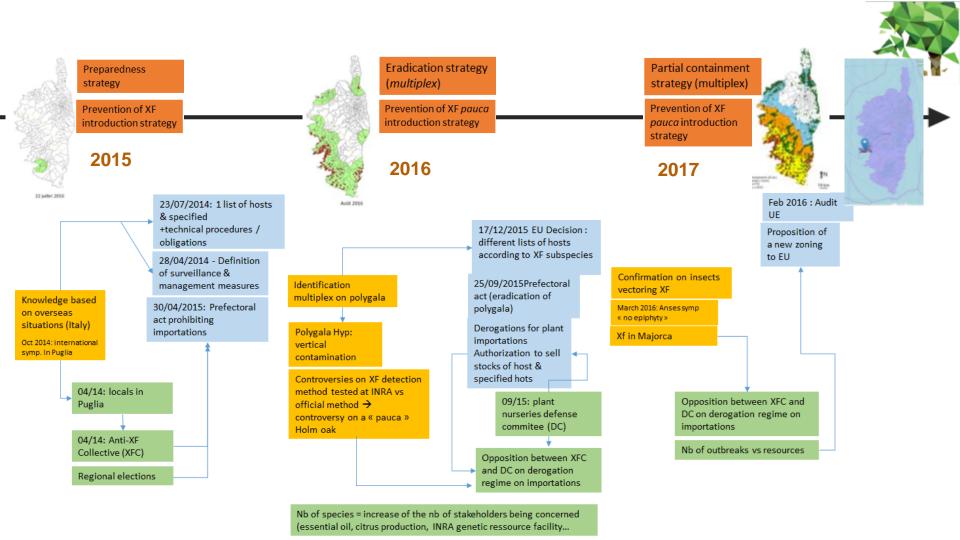
Ex: detection of a new plant host, detection of infected P. spumarius

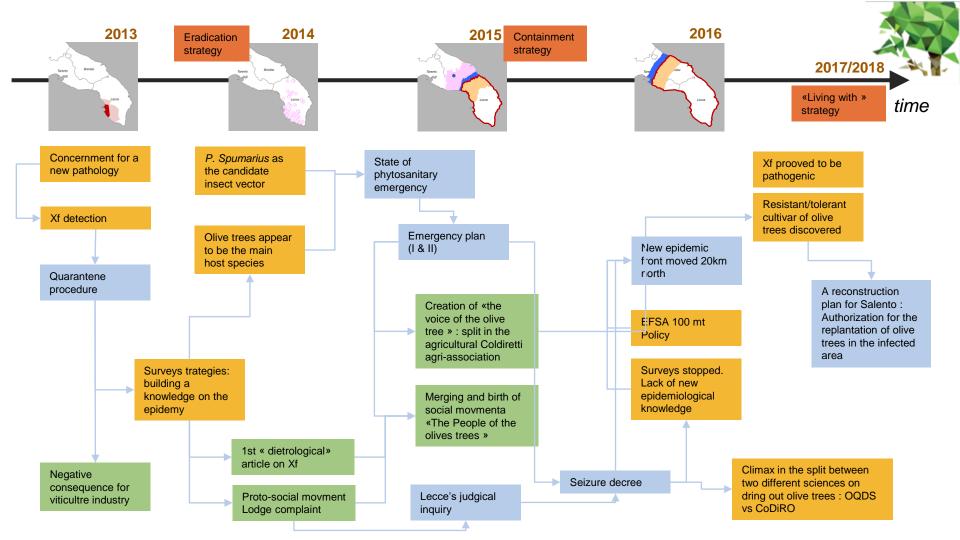
- Stakeholders' responses & movements layer:

- how do management settings evolve when confronting with local configurations?

Ex: trust in authorities, trust in scientific protocols,...









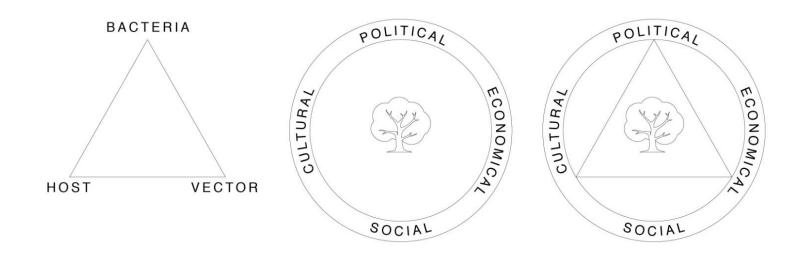
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CONCLUSION



How social science can empower solutions for research in action under pressures? A sociopathosystem approach



How social science can empower solutions for research in action under pressures: Multi-disciplinary convergence

Tropical Plant Pathology https://doi.org/10.1007/s40858-019-00300-4

LETTER TO THE EDITOR

Breaking down barriers between remote sensing and plant pathology

René H. J. Heim 1 • Angus J. Carnegie 2 • Pablo J. Zarco-Tejada 3,4

Received: 3 May 2019 / Accepted: 3 July 2019 © Sociedade Brasileira de Fitopatologia 2019

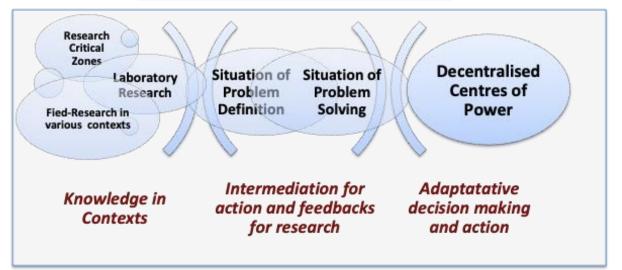
«To foster continued research (goal 1) we suggest tackling the complex challenges faced by remote sensing experts and plant pathologists by promoting an open and transparent culture of collaboration and communication, which will potentially lead to advances in stress-detection systems (goal 2) across temporal and spatial scales. In order to make the interdisciplinary research readily and widely (goal 3), we must build trust and cultivate a culture of transparency and openness as this is a fundamental principle of science.» (Heim et al. 2019)

How social science can empower solutions for research in action under pressures. Rethinking Sciences in

Action



Experts Committees



Distributed and distributive scientific expertise



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