



EURAKNOS

EUREKA

Towards an EU-wide digital knowledge reservoir for
agricultural innovation

Sylvia Burssens
Pieter Spanoghe

Ghent University (project coordinator)



EURAKNOS: The network to connect all thematic networks

The future of innovation in European agriculture and forestry is based on the improved (digital) exchange of best practices between farmers, researchers and advisors from different sectors and Member States.

The image displays two side-by-side screenshots of academic search results. The left screenshot is from Web of Science, showing search results for 'Spanoghe P*'. It includes a search bar, navigation tabs (Web of Science, InCites, Journal Citation Reports, etc.), and a list of four search results. The right screenshot is from Google Scholar, also showing search results for 'Spanoghe P*'. It includes a search bar and a list of search results. Both screenshots show the title, authors, and publication details for each result.

Web of Science Search Results:

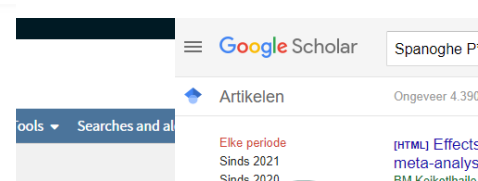
- Results: 97 (from Web of Science Core Collection)
- You searched for: AUTHOR: (Spanoghe P*) ...More
- Sort by: Date (selected), Times Cited, Usage Count, Relevance, More
- 1. **Polluted paradise: Occurrence of pesticide residues within the urban coastal zones of Santa Cruz, Isabela (Galapagos, Ecuador)**
By: Riascos-Flores, Lenin; Bruneel, Stijn; Van der Heyden, Christine; et al.
SCIENCE OF THE TOTAL ENVIRONMENT Volume: 763 Article Number: 142956 Published: APR 1 2022
- 2. **Monitoring and dietary risk assessment of 81 pesticide residues in 11 local agricultural products from 3 largest cities of Cameroon**
By: Galani, Yamdeu Joseph Hubert; Houbraken, Michael; Wumbei, Abukari; et al.
FOOD CONTROL Volume: 118 Article Number: 107416 Published: DEC 2020
- 3. **Human exposure to toxic trace elements present in local crops of Sancti Spiritus, Cuba**
By: Lopez Davila, Edelbis; Martinez Castro, Yenima; Romero Romero, Osvaldo; et al.
ENVIRONMENT DEVELOPMENT AND SUSTAINABILITY
- 4. **Pesticides residues in tobacco smoke: risk assessment study**
By: Lopez Davila, Edelbis; Houbraken, Michael; De Rop, Jasmine; et al.
ENVIRONMENTAL MONITORING AND ASSESSMENT Volume: 192 Issue: 9 Article Number: 615 Pub SEP 2 2020

Google Scholar Search Results:

- Artikelen Ongeveer 4.390 resultaten (0,05 sec)
- Elke periode: Sinds 2021, Sinds 2020, Sinds 2017, Aangepast bereik...
- Sorteren op relevantie, Sorteren op datum
- Elke taal: Zoeken in pagina's in het Nederlands
- inclusief patenten, Inclusief citaten, Melding maken
- 1. **Effects of food processing on pesticide residues in fruits and vegetables: a meta-analysis approach**
BM Keikothalla, P Spanoghe, W Steurbaut - Food and Chemical ... - 2010 - Elsevier
Pesticides are widely used in food production to increase food security despite the fact that they can have negative health effects on consumers. Pesticide residues have been found in various fruits and vegetables, both raw and processed. One of the most common routes of ...
Geciteerd door 258 Verwante artikelen Alle 13 versies Web of Science: 148
- 2. **Food safety issues in fresh produce: Bacterial pathogens, viruses and pesticide residues indicated as major concerns by stakeholders in the fresh produce ...**
A Rajkovic, F Lopez-Galvez, I Sampers, P Spanoghe... - Food Control, 2013 - Elsevier
In January 2011, a workshop was organized by the EU FP7 Veg-4-Trade project to capture opinions of stakeholders on food safety issues in the global fresh produce supply chain. Food safety experts from various stakeholder types in the farm-to-fork chain were ...
Geciteerd door 174 Verwante artikelen Alle 11 versies Web of Science: 109
- 3. **Multiple insecticide resistance: an impediment to insecticide-based malaria vector control program**
D Yewhalaw, F Wassele, W Steurbaut, P Spanoghe... - PloS one, 2011 - journals.plos.org
Background Indoor Residual Spraying (IRS), insecticide-treated nets (ITNs) and long-lasting insecticidal nets (LLINs) are key components in malaria prevention and control strategy. However, the development of resistance by mosquitoes to insecticides recommended for ...
Geciteerd door 158 Verwante artikelen Alle 40 versies Web of Science: 84
- 4. **Overview of on-farm bioremediation systems to reduce the occurrence of point source contamination**
T De Wilde, P Spanoghe, C Debaer... - Pest Management ... - 2007 - Wiley Online Library
Contamination of ground and surface water puts pressure on the use of pesticides. Pesticide contamination of water can often be linked to point sources rather than to diffuse sources. Examples of such point sources are areas on farms where pesticides are handled and filled ...
Geciteerd door 106 Verwante artikelen Alle 10 versies Web of Science: 75
- 5. **Literature review: Impact of climate change on pesticide use**
I Delcour, P Spanoghe, M Uyttendaele - Food Research International, 2015 - Elsevier
Agricultural yields strongly depend on crop protection measures. The main purpose of pesticide use is to increase food security, with a secondary goal being increased standard of living. In view of a changing climate, not only crop yields but also pesticide use is expected ...
Geciteerd door 120 Verwante artikelen Alle 7 versies Web of Science: 63
- 6. **Influence of agricultural adjuvants on droplet spectra**
P Spanoghe, M De Schampheleire... - Pest Management ... - 2007 - Wiley Online Library
The formation of a spray is the result of interaction between the nozzle type and the spray liquid. When adjuvants lower the surface tension, a shift to a finer spray quality might be ...

EURAKNOS: The network to connect all thematic networks

The future of innovation in European agriculture and forestry is based on the improved (digital) exchange of best practices between farmers, researchers and advisors from different sectors and Member States.



Polluted paradise: Occurrence of pesticide residues within the urban coastal zones of Santa Cruz and Isabela (Galapagos, Ecuador)

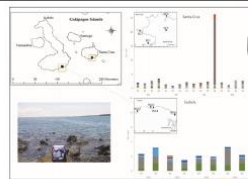
Lenin Rascos-Flores^{a,b,*}, Stijn Bruneel^a, Christine Van der Heyden^c, Arne Deknock^d, Wouter Marie Anne Eurie Forio^a, Nancy De Saeyer^a, Wim Vanden Berghe^d, Pieter Spanoghe^e, Raquel Luis Dominguez-Granda^f, Peter Goethals^a

^a Department of Animal Sciences and Aquatic Ecology, Ghent University, Coupure links 653, 9000 Ghent, Belgium
^b Laboratorio de Investigaciones Ambientales, Facultad de Ingeniería en Ciencias Agropecuarias y Ambientales, Universidad Técnica del Norte, Ibarra, Ecuador
^c Faculty of Science and Technology, University College Ghent, Valentin Vaerwyckweg 1, 9000 Ghent, Belgium
^d Laboratory of Ecogenetic Signaling (PES), Faculty of Biomedical Sciences, University of Antwerp, Belgium
^e Department of Plants and Crops, Ghent University, Coupure links 653, 9000 Ghent, Belgium
^f Facultad de Ingeniería Marítima y Ciencias del Mar, Escuela Superior Politécnica del Litoral ESPOL, Campus Gustavo Galindo, Guayaquil, Ecuador
^g International Atomic Energy Agency, Marine Environment Laboratories, Principality of Monaco, Monaco
^h Galapagos Marine Research and Exploration, GEMAR, Joint ESPOL-CIR program, Charles Darwin Research Station, Galapagos Islands, Ecuador
ⁱ Facultad de Ciencias Naturales y Matemáticas, Escuela Superior Politécnica del Litoral ESPOL, Campus Gustavo Galindo, Guayaquil, Ecuador

HIGHLIGHTS

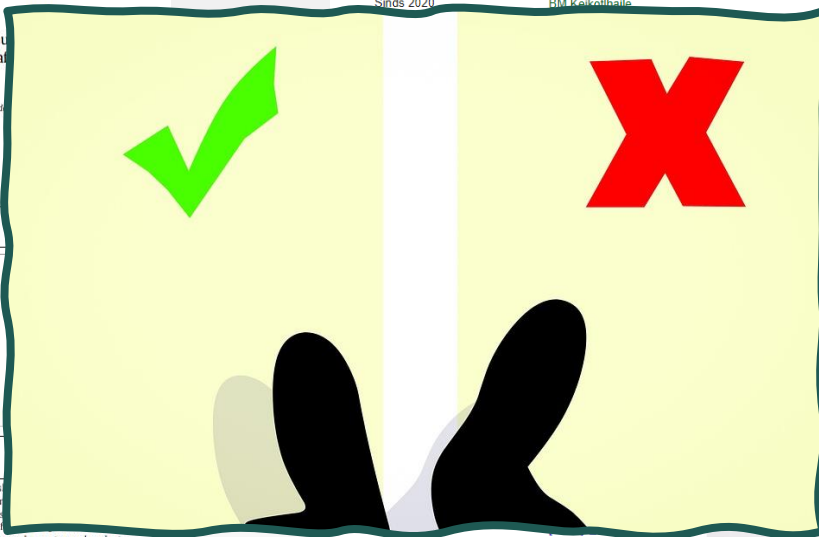
- Pesticides occurrence was evaluated in coastal urban areas of Galapagos archipelago.
- Sixteen pesticides were detected including three persistent organic pollutants.
- Source of pesticides was associated with agriculture production in the islands.
- Pesticide residues concentration varied considerably in space and time.

GRAPHICAL ABSTRACT



ABSTRACT

Although pesticides are frequently used for agriculture in the Galapagos Islands, to date, no investigations of pesticide occurrences in its coastal waters. We examined pesticide residues in the coastal waters of urban areas in two islands of the Galapagos sampling design. Quantification was performed by solid-phase extraction, followed by using liquid chromatography-tandem mass spectrometry (LC-MS/MS) and gas chromatography-electron capture detector (GC-ECD). The diversity and concentration of pesticide residues in Santa Cruz island were higher compared to Isabela island. In total, sixteen pesticides were detected, including three persistent organic pollutants: Carbendazim (23.93 µg L⁻¹), cadusafos (4.74 µg L⁻¹), DDT (2.99 µg L⁻¹), diazinon (1.61 µg L⁻¹) and aldrin (1.55 µg L⁻¹) were detected with the highest concentrations between samples. Repetitions in locations show that concentrations of pesticide residues varied considerably in space and time. Comparison with local products indicated agricultural activities on the islands as a possible source. Furthermore, evaluation through ecological risk quotients showed that the observed concentration levels of seven pesticides pose a relatively high risk for three biotic groups (i.e. algae, invertebrates and fishes).



A little taste of things to come....

Learn more about EUREKA

<https://www.h2020eureka.eu/>

EUREKA Project Presentation

Link kopiër...



Discover our channel

Delcour, P Spa
 Agricultural yield
 pesticide use is
 living. In view of
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Influence of
 P Spanoghe, M
 The formation of
 liquid. When adj

Article Number: 615 Pub

* Corresponding author at: Department of Animal Sciences and Aquatic Ecology, Ghent University, Coupure links 653, 9000 Ghent, Belgium.
 E-mail address: lenin.rascosflores@ugent.be (L. Rascos-Flores).

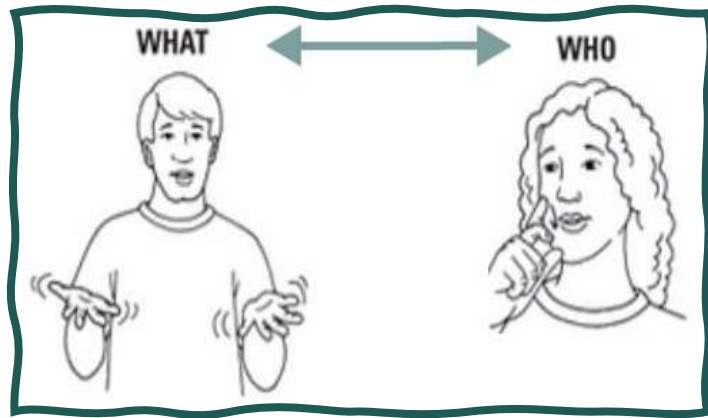


EUREKA



EURAKNOS

EUREKA: All agricultural H2020 multi-actor projects



Video/audio webinars podcasts



Guidelines Factsheets



Infographics & printed info materials



Registers collections, databases

Intangible outputs

- Networks
- Demonstrations
- Living labs

Year	2017-01-01	2017-01-01	2017-01-01	2017-01-01	2017-01-01	2017-01-01	2017-01-01	2017-01-01	2017-01-01
...

Datasets



Softwares and tools



IPR outputs



Publications



Grey literature

Researchers want raw data, farmer/foresters/advisors want outputs translating the data into meaningful knowledge they can relate to.



EURAKNOS & EUREKA: Building a knowledge reservoir for agricultural innovation

*The **future of innovation** in European agriculture and forestry is based on the improved (digital) **exchange of best practices** between farmers, researchers and advisors from different sectors and Member States.*



EURAKNOS & EUREKA: Building a knowledge reservoir for agricultural innovation

Community Interaction

Trustful and Valuable Knowledge



Facebook profile header for Pieter Spanoghe. It features a search bar, navigation icons, and a profile picture of Pieter Spanoghe. Below the profile picture is a large photo of a family sitting on a log in a forest. The name 'Pieter Spanoghe' is displayed below the photo, along with a 'Biografie toevoegen' button.



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Godshuis Spanoghe

(Doorverwezen vanaf [Spanoghe](#))

Spanoghe is een **godshuis** in de **Katlijnestraat** en de **Stoofstraat** in **Brugge**.

Geschiedenis [\[bewerken | brontekst bewerken \]](#)

Godshuisjes werden gesticht door Francesca Spanoghe die ze bestemde voor bewoning door bejaarde vrouwen. Ze werden gebouwd in 1680.

Ze werden de godshuizen eigendom van de Commissie van Burgerlijke godshuizen.

De huizen nummers 8 en 10 herbouwd naar een ontwerp van architect Maurice Vermeersch. In 1965 werden toegangen gemaakt langs de straat. In 1965 werd de restauratie uitgevoerd.

Een korbogpoort in de Katlijnestraat leidt naar een achterliggende tuin waarrond drie huizen, oorspronkelijk ingedeeld in zes, en nu in vier.

Literatuur [\[bewerken | brontekst bewerken \]](#)

- Luc DEVLIEGHER, *De huizen te Brugge, Tielt 1968 en 1975*.
- Hilde DE BRUYNE, *De godshuizen in Brugge*, Roeselare, 1994.
- Livia SNAUWAERT, *Gids voor architectuur*, Tielt, 2002
- S. GILTÉ, A. VANWALLEGHEM & P. VAN VLAENDEREN, *Inventaris van het cultuurbezit in België, Architectuur, Stad Brugge, Middeleeuwse stadsuitbreiding 1500-1800*, Brugge, 2004.

Categorieën: [Godshuis in Brugge](#) | [Onroerend erfgoed in Brugge](#)

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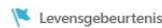
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Pieter Spanoghe

9 januari · 🌐

Het VIVO-koor van de kinderen kwam digitaal optreden. Mooi, hoe kan het anders :). Pieter



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EURAKNOS: The 'FarmBook' prototype

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Forestry



Crop farming



Livestock



Environment



Society



Economics

Forestry

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Search

All content Community Experts



Vivamus sagittis lacus vel augue laoreet

TEXT • 12 MIN

Cras justo odio, dapibus ac facilisis in, egestas eget quam.



EUREKA: The 'FarmBook'

Presentation Knowledge – NEED FAIR DATA Metadata / Simple Standard Files / Interoperable Structured Website Platforms

Categories Search

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Categories Search

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RETURN TO OVERVIEW

Search results

A TOTAL OF 135 RESULTS

SORT BY relevance



Euismod Commodo Inceptos

FORESTRY TEXT • 12 MIN

Cras justo odio, dapibus ac facilisis in, egestas eget quam. Praesent commodo cursus magna, vel scelerisque nisl consectetur et...

TAGS: SMARTAKIS EXCEL BELGIUM



Cras Tristique

CROP FARMING TEXT • 12 MIN

Cras justo odio, dapibus ac facilisis in, egestas eget quam. Praesent commodo cursus magna, vel scelerisque nisl consectetur et...

TAGS: SMARTAKIS EXCEL BELGIUM



Nullam quis risus eget urna mollis ornare vel eu leo

Active filters

FORESTRY X

CROP FARMING X

Categories

- Forestry
- Crop farming
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Media type

Language

RETURN TO OVERVIEW

Search results

A TOTAL OF 135 RESULTS

SORT BY relevance



Rutrum faucibus dolor auctor

CROP FARMING TEXT • 12 MIN

Cras justo odio, dapibus ac facilisis in, egestas eget quam. Praesent commodo cursus magna, vel scelerisque nisl consectetur et...

TAGS: SMARTAKIS EXCEL BELGIUM



Vivamus sagittis lacus vel augue laoreet

FORESTRY TEXT • 12 MIN

Cras justo odio, dapibus ac facilisis in, egestas eget quam. Praesent commodo cursus magna, vel scelerisque nisl consectetur et...

TAGS: SMARTAKIS EXCEL BELGIUM



Active filters

FORESTRY X

CROP FARMING X

Categories

- Forestry
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EURAKNOS & EUREKA: The 'FarmBook'



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The title of this interesting article

January 12, 2018

By **Joseph Stevens**, **Katherine Youth** and **Forest advisment**

Smart-Akis

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Forestry

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Best way to implement this technique?

Joseph Stevens

3 days ago

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Sort A-Z

Joseph Stevens

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Alena Donin

Cras justo odio, dapibus ac facilisis in, egestas eget quam. Praesent commodo cursus magna, vel scelerisque nisl consectetur et...

Gretchen Saris

Cras justo odio, dapibus ac facilisis in, egestas eget quam. Praesent commodo

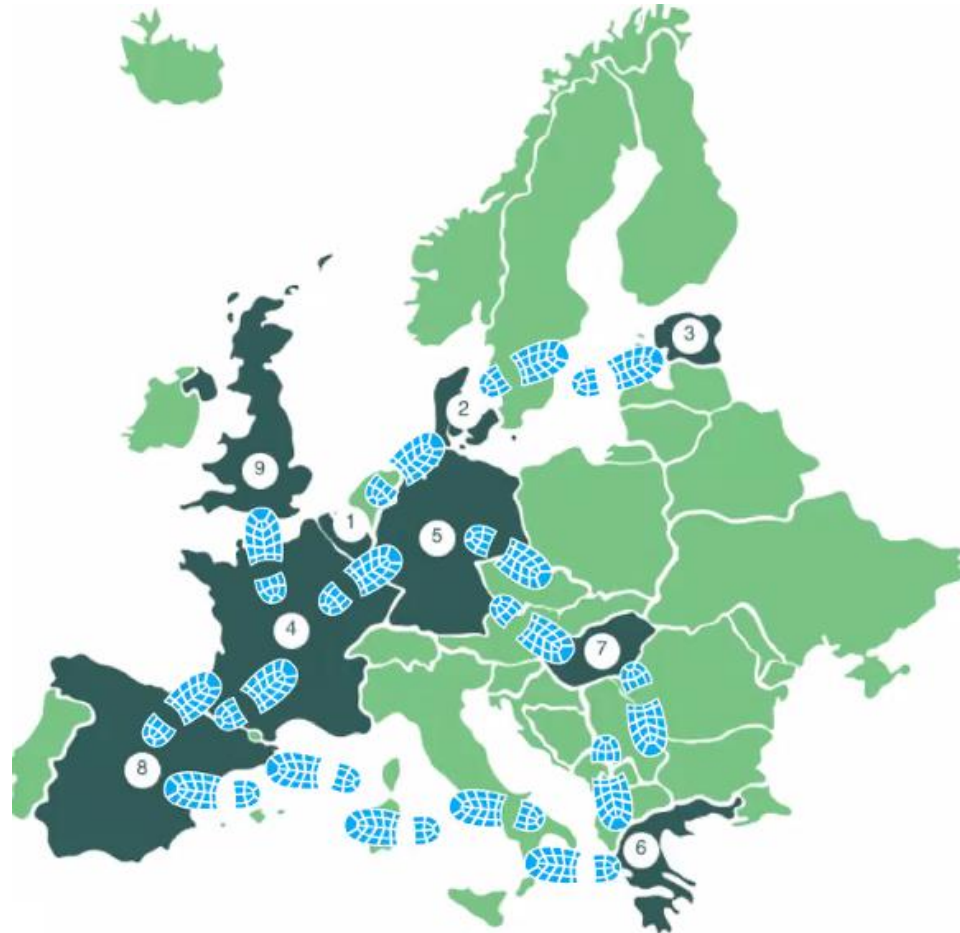
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