



CABI Information Day

Szent István University
17th of April , Gödöllő

Daniel Lungu - Area Sales Manager, Eastern Europe

KNOWLEDGE FOR LIFE





What is CABI ?

CABI is a non-for-profit science-based development and information organization

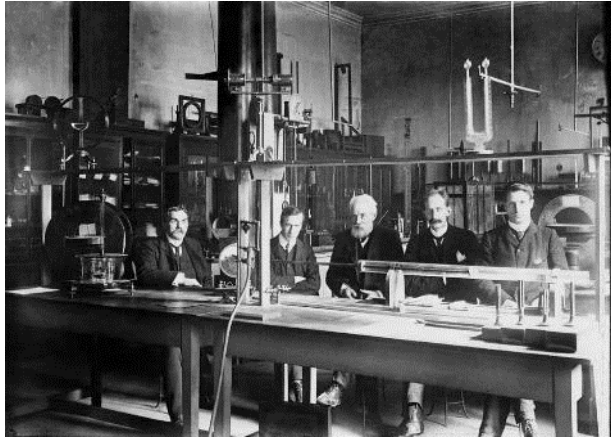
CABI History



- Since its beginnings as an entomological committee in 1910, CABI has developed into a truly international development-led organization, supported by both a first-class publishing division and a solid scientific research base
- CABI starts with a small grant to fight "one of the enemies of mankind", the devastating impact of pests and diseases on man, animals and crops. The story begins with the formation of the Entomological Research Committee (Tropical Africa)
- 1910 - Bulletin of Entomological Research launched
- 1913 - Formation of the Imperial Bureau of Entomology, under Sir Guy Marshall (1871-1959). Its chief functions are the identification of insect pests and the issue of a monthly periodical giving summaries of all current entomological literature (the first abstract journal was Review of Applied Entomology in two parts Series A - Agricultural, Series B - Medical and Veterinary)



CABI History



- 1920 - Imperial Bureau of Mycology at Kew established for the identification of fungal diseases of plants, animals and humans and the abstracting of the mycological literature
- 1922 - First issue of the Imperial Bureau of Mycology's abstract journal, Review of Applied Mycology
- 1930 - The Imperial Agricultural Bureaux is officially formed as a Commonwealth organization
- 1973 - Contents from all the abstract journals, now computerized, are unified to produce the CAB database (CAB Abstracts).
- 1986 - Commonwealth Agricultural Bureaux becomes CAB International.
- 2004 - CABI digitises the print abstract journals going back to 1910 to produce Global Health and CAB Abstracts Archive.
- 2012 - CAB Direct now holds 10 million records!



our mission

CABI is a not-for-profit international organization that improves people's lives by providing information and applying scientific expertise to solve problems in agriculture and the environment

Our member countries



Afghanistan



Botswana



Colombia



Guyana



Montserrat



Sierra Leone



The Netherlands



Anguilla



British Virgin Islands



Cote d'Ivoire



India



Myanmar



Solomon Islands



Trinidad & Tobago



Australia



Brunei Darussalam



Cyprus



Jamaica



Nigeria



South Africa



Uganda



Bahamas



Burundi



DPR Korea



Kenya



Pakistan



Sri Lanka



United Kingdom



Bangladesh



Canada



Gambia



Malawi



Papua New Guinea



St Helena*



Vietnam



Barbados



Chile



Ghana



Malaysia



Philippines



Switzerland



Zambia



Bermuda



China



Grenada



Mauritius



Rwanda



Tanzania



Zimbabwe

Our governance and structure



- CABI is an inter-governmental, not-for-profit organization established by a United Nations treaty-level agreement between 49 member countries
- Each member country has an equal role in the organization's governance, policies and strategic direction, in addition to enjoying a number of privileges and services relating to our scientific expertise, products and resources
- These include disease identification, capacity building and information products
- The supreme governing board of CABI is the review conference of member countries, which reviews CABI's work programme every two to three years and determines its broad policies and strategies
- Joining CABI enables national governments and organizations to tackle their agriculture and environmental problems as well as influence the global and regional development agenda
- Benefit from greater international collaboration, knowledge sharing and experience with our member countries, our donors and extensive in-country, regional and international partner networks to develop joint projects and address common goals.



What are CABI's activities?

- International development and research**
- Publishing**
- Microbial Services**



our activities

International Development

CABI researches and finds solutions to agricultural and environmental problems:

- improving food security to help alleviate poverty
- improving access to agricultural and scientific knowledge
- supporting farmers through training and advice on good agricultural practice
- protecting biodiversity by managing pests and diseases



our activities

Publishing

CABI publishes **high quality scientific resources** within the applied life sciences:

- bibliographic databases, including CAB Abstracts and Global Health
- full text electronic resources
- multimedia compendia
- books and eBooks



our activities

Microbial Services

CABI offers a range of professional microbial services:

- microorganism supply
- testing and consultancy services
- microbiological identifications
- preservation & patenting
- collection screening

CABI Research Centres



CABI Research Centres



- CABI works with farming communities around the world, supporting them as they battle with poor soil, invasive species, and pests and diseases, to improve their livelihoods and help provide food for an ever growing population.
- Subjects that we cover:
 1. Controlling invasive species
 2. Improving lives through better trade
 3. Food and nutrition security
 4. Plantwise programme



CABI'S SUCCESS STORIES IN HUNGARY





Beneficial nematodes to control rootworms in European maize production

- Duration: 01/01/2011 - 31/12/2018
- Countries: Germany, Switzerland, Hungary
- Donors: Bavarian State Ministry of Food, Agriculture and Forestry through LfL in Germany, Ministry for Rural Affairs and Consumer Protection of the State of Baden-Württemberg, Germany, through LTZ, Augustenberg in Germany, e-nema, Schwentinental in Germany
- Partners: Bavarian State Research Centre for Agriculture Freising LfL, Germany, Szent Istvan University, Godollo, Hungary, AGES Vienna in Austria, Cereal Research Station GK Szeged in Hungary etc.
- Results: 10 years of joint research and development efforts have led to a nematode-based biological control solution for this destructive maize pest.



Using beneficial maize-rhizosphere microbials against western corn rootworm

- Duration: 01/07/2016 – 30/06/2019
- Countries: France, Hungary, United States of America
- Donors: Groupement National Interprofessionnel des Semences et plants
- Partners: Genective, France and Germany, Proteus, France, Institut de biosciences et biotechnologies d'Aix-Marseille
- Results: Proof of concept experiments from existing collections of microbials and a literature search using a data-based bioinformatic approach has identified the project's first bacterial species/ strains likely to possess insect toxin-related genes – some already known, some novel



CAB Abstracts with full-text

- access to over 9,2 million records from 1973 onwards, with over 360,000 abstracts added each year
- Its coverage of the applied life sciences includes agriculture, environment, veterinary sciences, applied economics, food science and nutrition.
- international coverage, with publications from over 120 countries in 50 languages
- CAB Abstracts now comes with CABI Full Text which gives users automatic access to over 449,000 * journal articles, conference papers and reports - 80% of which are not available electronically anywhere else
- each record hand-selected by our subject specialists from over 8,000 serials, books and conference proceedings

CAB Abstracts - Benefits



- access to latest academic information on important fields like: agriculture, veterinary, food science, forestry
- access to the most important academic journals in life science research
- cover of “grey literature”: annual reports, bulletins, conference proceedings, technical information, theses
- constant up-date of the content (on weekly bases)
- more agriculture content than any other database in the world
- possibility to add academic journals from Hungary
- CABI indexes local content

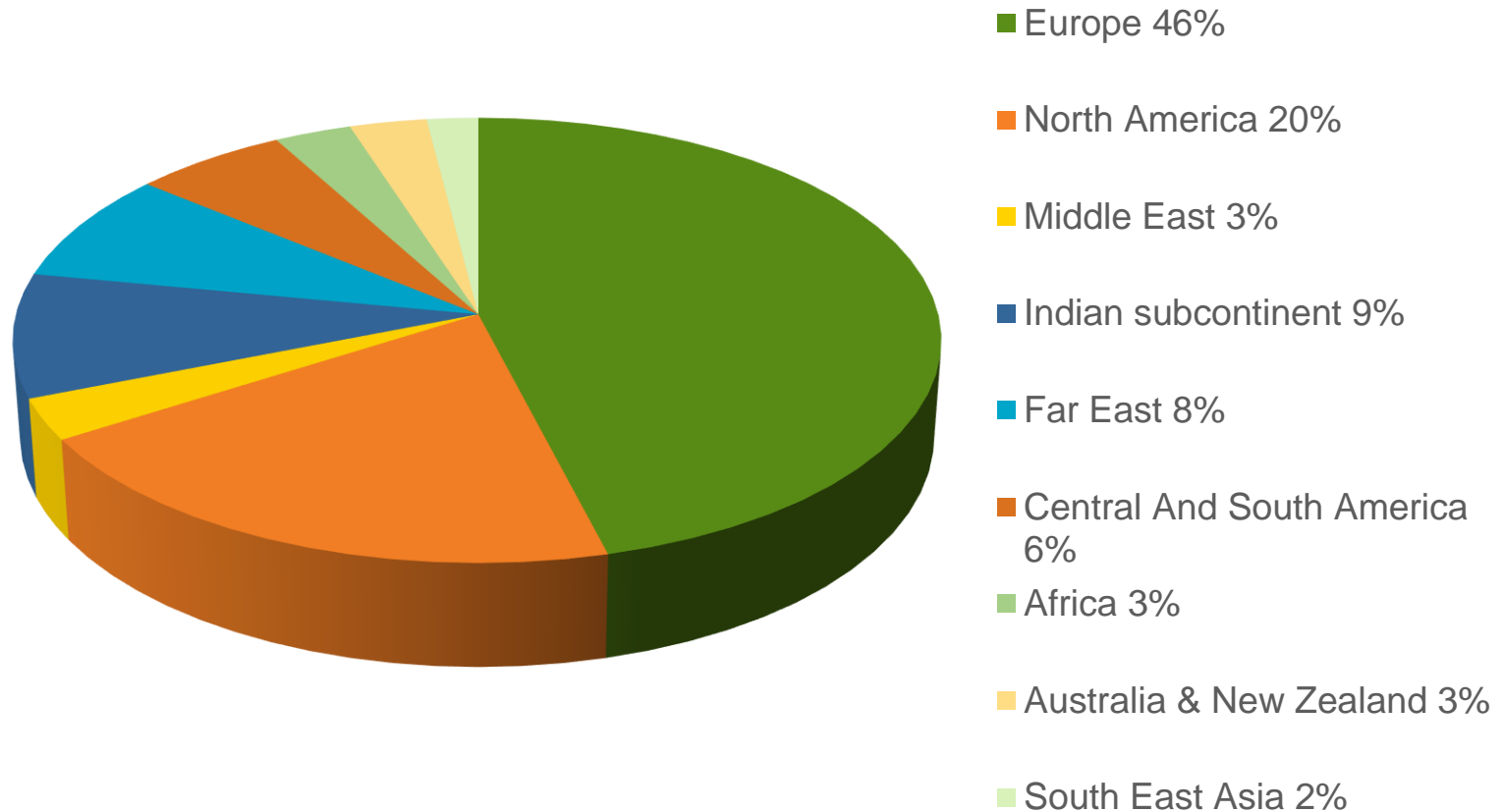
CAB Abstracts - Content Types

Database content types



- Journals: 86%
- Conferences: 7%
- Grey literature (incl. reports): 4%
- Books and book chapters: 2%
- Other (theses/bulletins/editorials) 1%

Geographic Coverage of content in CAB Abstracts





CAB Abstracts in the world



Top 10 sites based on the number of downloads in 2018

1. Wageningen Universiteit – Netherlands
2. Universiti Putra Malaysia – Malaysia
3. Zhejiang University – China
4. University of Florida – United States of America
5. University of Guelph – Canada
6. University of Kwazulu-Natal - South Africa
7. Universidade de Sao Paulo – Brazil
8. Universidad Nacional Autonoma de Mexico – Mexico
9. University of Ghent – Belgium
10. University of Melbourne – Australia



CABI in the world

Top sites based that use CABI's content in their work, products and services

- EFSA, Italy (Corporate / EU) - <https://www.efsa.europa.eu/>
- DEFRA, UK (Government) - <https://www.gov.uk/government/organisations/department-for-environment-food-rural-affairs>
- CIRAD, France (Corporate / R&D) - <http://www.cirad.fr/en>
- AFBI, Northern Ireland (Government) <https://www.afbini.gov.uk/>
- Unilever, UK (Corporate) - <https://www.unilever.co.uk/>
- Syngenta, Switzerland / UK / US (Corporate / R&D) - <https://www.syngenta.co.uk/>
- Julius Kuhn Institute, Germany (Government / R&D) - <https://www.julius-kuehn.de/en/>
- Wageningen University, The Netherlands (Academic / Key Strategic Partner) - <https://www.wur.nl/en/wageningen-university.htm>



Content from Hungary available on CAB Abstracts with full text

- 27,909 results of articles in Hungarian language
- Number of articles from Hungarian authors = 54,135 results
- Authors from Hungary with articles in CAB Abstracts with full-text: Veisz, O., Kövics, G. J., Hidvégi, S., Tóth, M., Harrach, B., Németh, T., Szabó, Z., Benkő, M., Varga, J., Bedő, Z., Kádár, I., Glávits, R., Szenci, O., Nagy, G., Kovács, G.



Hungarian institutions with high number of records on CAB Abstracts with full-text

Institution	Number of records
Hungarian academy of science	5,123
University of Debrecen	2,432
Agricultural Institute, Brunszvik	1,966
Plant Protection Institute	958
Centre for Agricultural Research	610

CAB eBooks

Collections

- CAB eBooks Front File 2014 - present = subscription/purchase
- CAB eBooks 2007 – 2013 = purchase
- CAB eBooks 2000 – 2006 = purchase
- Your Choice Collection = pick and choose model

CAB eBooks

Why purchase CAB eBooks?

- High quality content written by world experts
- Dynamic front file updated throughout the year
- Titles available and indexed as individual chapters
- All chapters and titles fully indexed and integrated with CAB Abstracts
- Keyword search or browse by subject or title
- eBooks in easy-to-navigate PDF format
- Fixed packages for outright purchase

Benefits

- Downloadable MARC records
- No DRM: freedom to download, print and share
- Perpetual access
- Open URL compliant
- COUNTER-compliant usage statistics
- Unlimited simultaneous users



CABI Compendiums

- Animal Health and Production Compendium
- Aquaculture Compendium
- Crop Protection Compendium
- Forestry Compendium
- Horticulture Compendium
- Invasive Species Compendium – open access

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CABI is an international intergovernmental organisation, and we gratefully acknowledge the core financial support from our member countries (and lead agencies) including:



Ministry of Agriculture,
People's Republic of China



Agriculture and
Agri-Food Canada



Ministry of Foreign Affairs of the
Netherlands



Schweizerische Eidgenossenschaft
Confédération suisse
Confederazione Svizzera
Confederaziun svizra

Swiss Agency for Development
and Cooperation SDC