



UNESP in Partnership with CABI

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Americas & Caribbean Member Countries Consultation

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UNESP - UNDERGRADUATION:

- ✓ **179** - Undergraduate programs
- ✓ **68** - Careers
- ✓ **35.666** - Undergraduate students
- ✓ **7.014** - New students per year
- ✓ **6.000** - Diplomas per year



UNESP - GRADUATION:

- ✓ **123** - Programs (**115** – masters – **96** PhDs – **7** professional masters)
- ✓ **11.043** - Graduate students (masters and PhDs)
- ✓ **2.600** - PhDs per year (Brazil's second largest)



UNESP

Universidade Estadual Paulista – UNESP is a public university with 24 campuses spread throughout the State of São Paulo, a major economic power in Brazil. UNESP is a research intensive university, ranked among the best in the country and has received international recognition for the quality of its research and academic activities.

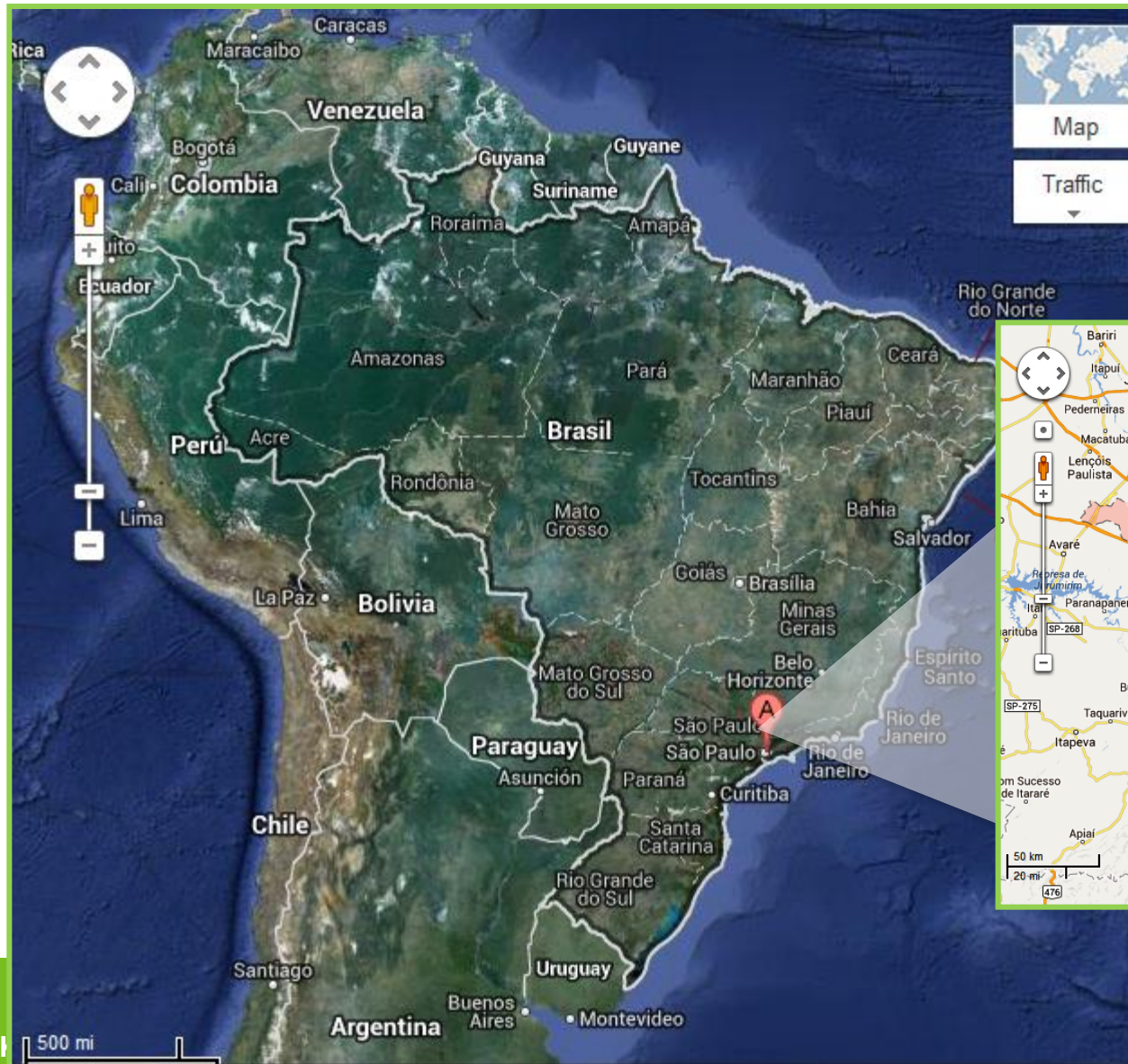
UNESP FCA

UNESP- School of Agricultural Sciences is one of the 24th campuses based in Botucatu, São Paulo

UNESP – 24 Campuses in Sao Paulo State



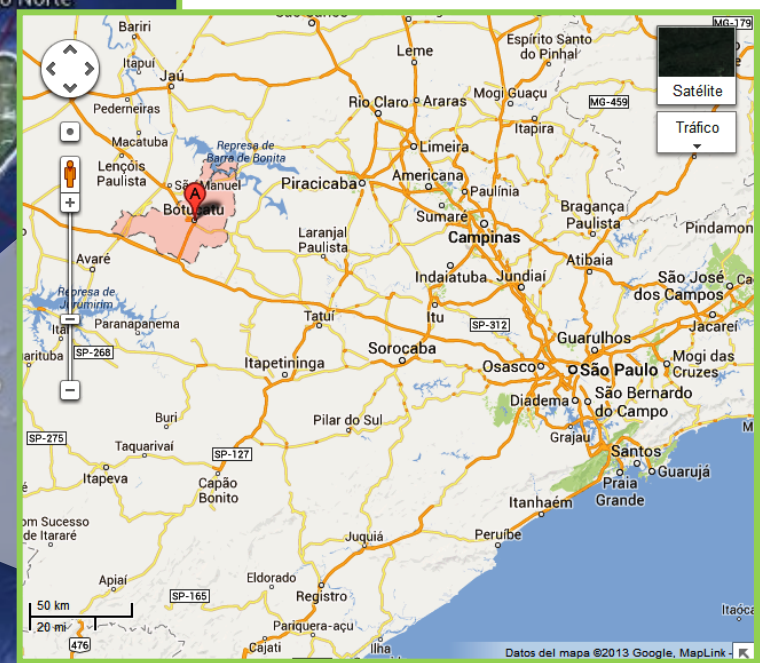
UNESP FCA & CABI South America



Map

Traffic

Botucatu, São Paulo State



UNESP FCA & CABI South America



Biocontrol



UNESP FCA & CABI

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Current areas of collaboration

Forest pests and their biological control in South America

- Locations: Brazil, Argentina, Chile, Colombia, Uruguay, Paraguay
- Partners: CABI CH, UNESP, EMBRAPA, IPEF/PROTEF
- Forest plantations are increasing in South America (in particular, Chile, Argentina, Brazil and Uruguay) and these plantations increasingly suffer from exotic pests and diseases that seriously threaten their profitability and even their survival.
- To assess the potential for the biological control of forest pests in South America and select the most promising targets for collaborative projects.
- Possible source of funding: FAO, FAPESP, IPEF, CNPq Governments.

Current areas of collaboration

Biological control of *Hydrocotyle ranunculoides*



- Assistance with Nagoya protocol's compliance in Brazil
- Causing great economic and ecological damage to many countries in Europe, including the UK.
- *H. ranunculoides* find in his natural habitat a large range of natural enemies, one of the most important is the weevil *Listronotus elongatus*, (Coleoptera; curculionidae) that occurs in Argentina and southern Brazil.
- Founded by: DEFRA

Biological control of *Hydrocotyle ranunculoides*



Pelotas, State of Rio grande do Sur



Botucatu, UNESP Laboratory of biological control forest pest

Regional Diagnostic Network

- Forest Pests
- Fungus
- Bacteria
- Nematodes
- Virus
- Insects
- Mites
- Phytoplasmas
- Weeds
- Parasitic plants



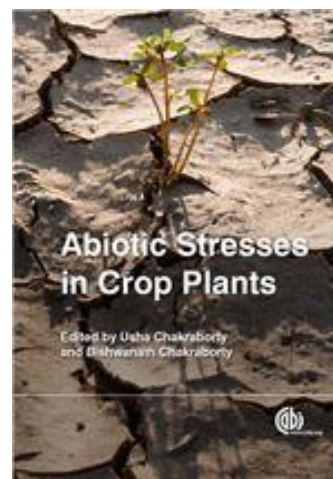
UNESP FCA & CABI - Areas of collaboration

Facilitate the exchange of students and Brazilian scientists to CABI research centres



UNESP/FCA & CABI - Areas of collaboration

Use of CABI publishing resources: Compendium, KB, E-books...



Opportunities for new collaboration

Projects Development

IPM – Biological Control Forest Pest and Key pest in the region



Helicoverpa armigera



Forest Pest



Good Agricultural practices

Brazil Membership



- The process was initiated
- MOU with EMBRAPA already signed
- MOU with key universities in the country





Assalamualikum शुक्रिया xie-xie
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ありがとう merci
kiitos urakoze tak ke iturnetse
danke urakoze terima kasih dhanyawaad asante
zikomo

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