

BIOGRAPHY

June 29, 2012



Title and name

Dr Irene Vloutoglou

Nationality

Greek

Panel

Plant Health

Education

PhD, 1995, University of Nottingham, United Kingdom

MSc, 1982, Agricultural University of Athens, Greece

Scientific and risk assessment experience

1. Conducting risk assessments for fungal and bacterial plant pathogens at national and EU level
 2. Development and implementation of quantitative and semi-quantitative methods for conducting pest risk assessments
 3. Identification and evaluation of risk reduction options
 4. Application of Systematic Literature Review methodology in pest risk assessments
 5. Diagnosis, detection and identification of fungal plant pathogens-Development of diagnostic protocols for harmful fungi
 6. Epidemiology of plant diseases: spatial-temporal dynamics of fungal plant pathogens, seasonal and diurnal periodicity of spore dispersal, disease and spore dispersal gradients, population dynamics, modelling of plant disease epidemics
 7. Development and implementation of integrated pest management strategies
 8. Scientific consultant on matters related to plant health and crop protection
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Main scientific publications

Main areas: epidemiology of plant diseases (host-pathogen-environment interactions, dynamics of fungal populations, etc), diagnostics, pest management

1. IPPC, 2012. Annex to ISPM 27: Diagnostic protocol for *Guignardia citricarpa* Kiely on fruit. Drafted by Vloutoglou, I., Meffert, J.P. and Diaz Morales, L. (in press)

2. Markellou, E., Vloutoglou, I., Mavroeidi, V.I., Kalamarakis, A., Skaltsounis, A.I. and Fokialakis, N. 2008. Activity of a microencapsulated mixture of constituents of essential oils against grey mould and powdery mildew in grapes and vegetables. *Planta Medica*, 74: 316

3. Darras, A.I., Joyce, D.C., Terry, L.A. and Vloutoglou, I. 2006. Postharvest infection of *Freesia hybrida* flowers by *Botrytis cinerea*. *Australasian Plant Pathology*, 35: 55-63
4. Vloutoglou, I. and Kalogerakis, S.N. 2000. Effects of inoculum concentration, wetness duration and plant age on development of early blight (*Alternaria solani*) and on shedding of leaves in tomato plants. *Plant Pathology*, 49: 339-345
5. Vloutoglou, I., Kalogerakis, S.N. and Darras, A. 2000. Effects of isolate virulence and host susceptibility on development of early blight (*Alternaria solani*) on tomato. *OEPP/EPPO Bulletin*, 30: 263-267
6. Vloutoglou, I., Paplomatas, E.J. and Lampropoulos, C.J. 2000. Differences in pathogenicity of *Verticillium dahliae* isolates from tomato, cotton and watermelon. In: *Advances in Verticillium Research and Plant Disease Management*. E. Tjamos, R. Rowe, D. Fravel and J. Heale (eds). APS Press, pp. 155-159
7. Vloutoglou, I., Fitt, B.D.L. and Lucas, J.A. 1996. Germination of *Alternaria linicola* conidia on linseed: effects of temperature, incubation time, leaf wetness and light regime. *Plant Pathology*, 45: 529-539
8. Vloutoglou, I., Fitt, B.D.L. and Lucas, J.A. 1995. Periodicity and gradients in dispersal of *Alternaria linicola* in linseed crops. *European Journal of Plant Pathology*, 101: 639-653
9. Vloutoglou, I., Aspromougos, J., Chitzanidis, A. and Kranz, J. 1993. Dynamics of fungicide resistance in *Penicillium digitatum* in mini-epidemics. *Zeitschrift für Pflanzenkrankheiten und Pflanzenschutz*, 100: 401-409
10. Fitt, B.D.L. and Vloutoglou, I. 1992. *Alternaria* diseases of linseed. In: J. Chelkowski and A. Visconti (eds) *Alternaria, Biology, Plant Diseases and Metabolites*. Elsevier, Amsterdam, the Netherlands, pp. 289-300