

Proceedings of the conference

Code number	Code	Author	Country	Title
139	OT	K. Pata, F. Gjoka, M. Tandini	Albania	PROBLEMS OF BIOLOGICAL AGRICULTURE DEVELOPMENT IN ALBANIA
33	GIS	Stefan Mössler	Austria	AGROffice an integrated solution for (geo)tracing, field cost calculation, subsidy forms, thematic mapping, logistics and the base platform for precision farming.
127	IS	I. Vrana	Czech republic	Process of Implementation of Corporation Information System
78	OT	Pärna, E., Saveli, O.	Estonia	Economic consideration in cattle breeding
34	EDU	R. Põldaru, J. Roots, R. Ruus	Estonia	On the Implementation of New Teaching and Training Methods in Agricultural Education
90	EB	Tchamitchian M., Mercier S.	France	Internet-based greenhouse climate choice to grow greenhouse tomatoes
129	DSS	A.Hachikyan, R. Scherer, M. Angelova, M. Lazarova	Germany Bulgaria	Decision Support System for a River Network Pollution Estimation Based on a Structural-Linguistic Data Model
128	GIS	G. Gotchev, R. Scherer, A. Hachikyan, M. Lazarova	Germany Bulgaria	Hydrological and Ecological Modeling of a River Catchment Basin
143	DSS	G. Weigert, M. Gandorfer, A. Meyer-Aurich, A. Heißenhuber and P. Wagner	Germany	Evaluation of Decision Rules for SITE-SPECIFIC N-Fertilization In Strip Trials
138	ITA	A. Baltas	Greece	The Use Of The S-Band Weather Radar For Flood Protection In The Agricultural Area Of Thessaly
43	OT	A. Haritou, A. Voyiatzis	Greece	An Association Model for Agriculture Income in EU
5	EB	A. Karakos, X. Skoulikaris, Th. Koutroumanidis	Greece	A prototype web site for public broadcast using DPSIR indicators Experiment on the Nestos delta, Greece.
88	ICT	A. Koutsouris	Greece	ICT and Rural Development: A sceptical look at the emerging 'consensus'
130	EB	A. Matopoulos, M. Vlachopoulou, V. Manthou	Greece	Business networks and clusters in the agricultural sector
24	OT	A. Papageorgiou	Greece	Agriculture and the farmer's occupation for the 21 st century
141	ITA	A. T. Markinos, T. A. Gemtos, D. Pateras, L. Toullos, G. Zerva, M. Papaconomou	Greece	The Influence of Cotton Variety in the Calibration Factor of a Cotton Yield Monitor
66	EDU	Andreopoulou Z., Kokkinakis A., Kirkenidis J., Papastavrou A.	Greece	The instruction of Greek fresh water fishes through a multimedia learning system.
40	EDU	Bousiou-Makridou D. Valasidou A.	Greece	Planning Considerations on the Development of Online Distance Learning Courses in Agriculture
133	EB	C. Costopoulou, S. Karetzos, M. Ntaliani, I. Gidakou, A. Sideridis	Greece	A Greek Organic Agriculture Portal

70	ITA	C. Karydas, N. Silleos, N. Karydas	Greece	Cultivation heterogeneity study in a Mediterranean agricultural area, using high spatial resolution multi-spectral imagery
83	ITA	C. Pontikakos, G. Zakyntinos, T. Tsiligiridis	Greece	Designing CSCW System for Integrated, Web-Based, Cotton Cultivation Services
22	EB	C. Priporas, C. Theodoridis, I. Kamenidou	Greece	Are Really the Grocery End- Users Ready to Place Orders via Internet?
14	ICT/ITA	C. Vasilakos, J. Hatzopoulos, K. Kalabokidis, K. Koutsovilis, A. Thomaidou,	Greece	Classification of agricultural fields by using Landsat TM and QuickBird sensors. The case study of olive trees in Lesvos island.
97	DSS	Ch. Babajimopoulos & S. Kavalieratou	Greece	Ground water management by mathematical models
98	DSS	Ch. Babajimopoulos , A. Panoras	Greece	Estimation of the water balance of cultivated soils by mathematical models
126	IS	D. Tektonidis, M. Salampasis, C. Batzios	Greece	Ontologies based conceptualisation for semantic integration of agricultural applications
21	GIS	Dimitrios P. Triantakostas, Vassiliki J. Kollias and Dionisios. P. Kalivas	Greece	A Study of Land Use Changes in a Forest Area of Northeastern Greece using Spatio-Temporal Models in a GIS environment
140	EDU	E. Antonopoulou, Y. Koumpouros, M. Malliappis, H. Passam, A. B. Sideridis, I. Vlachos, C. Yialouris	Greece	A Horticultural Ontology
59	EDU	E. Malama, D. Folinas, M. Vlachopoulou, V. Manthou	Greece	AgriBus e-learning model in Greek environment
58	EB	F. Patsioura, M. Vlachopoulou, V. Manthou	Greece	Evaluation of an agricultural web site
72	ITA	G. Arabatzis, A. Kokkinakis	Greece	Typology of the lagoons of northern Greece according to their environmental characteristics and fisheries production
25	GIS	G. Papathanasiou, S. Gerontidis & V. Kollias	Greece	A GIS methodology for the assessment of the tillage erosion risk on cultivated hillsides in a area of central Greece.
23	EDU	H. Fragkou	Greece	EDUCATION, TRAINING AND DISTANCE LEARNING: "LEARNING IN THE INFORMATION SOCIETY- PERSPECTIVES IN THE SECTOR OF AGRICULTURE"
61	GIS	I. Gitas, M. Nikolaou, G. Silleos, N. Karapetsas	Greece	Erosion risk assessment and its impact in the agricultural environment using high resolution satellites and GIS
60	GIS	K. Douros, G. Silleos, N. Karapetsas, E. Moutziki H. Topaloglou	Greece	Spatial models and multi- criteria queries for the analysis of geographic and soil data, using Geographic Information Systems
69	OT	Katsikis I., Kizos A., Spilanis I.	Greece	Local Knowledge as a Competitive Advantage and an Innovation Tool for Regional Production Systems: The case of the North Aegean Region, Greece
93	EDU	Kittas C., Bartzanas T., Tsalapatas S., E. Tzanakaki	Greece	Training Young European Engineers on the Application of

				Renewable Energy Sources in Agriculture
65	EDU	Kokkinakis A, Andreopoulou Z. , Bouchounas T. Papageorgiou N.	Greece	Supporting the development and management of the trout fish farming using e-learning
73	ITA	Kokkinakis A., Arabatzis G	Greece	Typology of the lakes of northern Greece according their environmental characteristics and fisheries production
99	DSS	L. Iliadis	Greece	A DECISION SUPPORT SYSTEM UNIFYING PARTIAL ENVIRONMENTAL RISK INDICES BY USING FUZZY INTERSECTION OPERATORS: THE CASE OF FOREST FIRES
136	ICT	M. Maliappis and A. Sideridis	Greece	Digital Libraries: Their potential in Farming
92	ITA?/OT	M. Mardikis, D. Kalivas, V. Kollias	Greece	Spatial interpolation of reference evapotranspiration and precipitation in Greece
122	OT	M. Sakellariou – Makrantonaki, E. Gatselis, S. Tzortzios, P. Vyrlas, D. Kalfountzos	Greece	Effects of different arrangements of drip irrigation laterals on cotton crop in Thessaly plain
84	DSS	M. Sambrakos, T. Glezakos and T. Tsiligiridis	Greece	On Evaluative Measurement of Landscape Change
16	DSS	Maria J. Diamantopoulou	Greece	Comparison between Neural Networks and Regression Analysis in bark volume prediction
17	DSS	Maria J. Diamantopoulou, Dimitris M.Papamichail, Vassilis Z. Antonopoulos	Greece	The use of a neural network technique for the prediction of water quality parameters
29	GIS	Mavridis A., I. Ifadis, P. Savaidis	Greece	Biological Farming System: Management and Certification through GIS Models
30	GIS	Mavridis A., I. Ifadis, P. Savaidis	Greece	A "need" or a "must" for developing Governmental Agricultural GIS in Greece
31	GIS	Mavridis A., I. Ifadis, P. Savaidis	Greece	Promoting the Implementation of an Information Network based on GIS for the Sustainable Development of Agriculture and of the Environment in Greece
62	GIS	N. Karapetsas, K. Douros, I. Gitas, G. Silleos, H. Topaloglou, E. Moutziki	Greece	Application of Geo-Statistical methods for spatial analysis of soil data
115	DSS	Nicolaidis M., Chatzoglou, P., Koutroumanides T., Tzarta Z.	Greece	Problems in Assessing Business Investment Plans and the Need for Applying the Multicriteria Decision Making Analysis Method. An Empirical Implementation in the Region of Kavala.
3	DSS	P. Tzionas, I. A. Ioannidou & S. Paraskevopoulos	Greece	A Fuzzy Decision Support System for the restoration of Lake Koronia
2	OT	P. Vyrlas, M. Sakellariou-Makrantonaki, D. Kalfountzos	Greece	The Use of Emitters as Air-relief Valves for Overcoming Suck-back Clogging in Subsurface Trickle Emitters
1	GIS	P. Vyrlas, D. Kalfountzos, K. Dragoidou, M. Sakellariou-Makrantonaki	Greece	IMPLEMENTING IRRIGATION SCHEDULING USING GEOGRAPHICAL

				INFORMATION SYSTEMS
116	IS	Paraskevi Georgiou, Christos Douligeris, Elias Zintzaras, Sideris Theocharopoulos, Paschalis Thriskos.	Greece	"ISODART": An Information System for the Organisation and Dissemination of Agricultural Research Results
48	DSS	S. Arabatzis, B. Manos	Greece	An Integrated System For Water Resources Monitoring, Economic Evaluation and Management
135	DSS	S. Ntalagiorgos and A. Sideridis	Greece	Water Management Decision Support Systems
41	ITA	S. Vougioukas	Greece	Multi-spectrum Global Illumination Computation For Greenhouse Applications
134	DSS	S.T. Kaloudis, N.A, Lorentzos, A.B., Sideridis, C.P., Yialouris	Greece	A Decision Support System for Forest Fire Management
64	EDU	Skoufa E., Andreopoulou Z., Karameris A. Papastavrou A.	Greece	DEVELOPMENT OF A MODEL WEB ENVIRONMENT APPLICATION TO SUPPORT ENVIRONMENTAL EDUCATION PROJECTS ON THE "FOREST" ISSUE
81	ITA	T. Gemtos, S. Blackmore, S. Fountas, A. Markinos	Greece	Trend yield maps in Greece and the UK
96	DSS	V.Antonopoulos	Greece	Simulation of Soil Water, Nitrogen, Uptake and Leaching during Irrigation with Treated Wastewater in Corn Fields, Using WANISIM Model
7	IS	Zacharoula. S. Andreopoulou, Sophia. E. Vassiliadou, Anastasios. K. Papastavrou	Greece	Human Resources Data Base Management Using Microsoft Visual C++ For Greek Forest Administration
13	EDU	Georgios K. Tegos, Diana V. Stoyanova, Kolyo Z. Onkov	Greece Bulgaria	HTML-Presentation of Fishery Time Series Database and Trend Modeling for the Purpose of E-Learning
107	ITA	S. Vougioukas, S. Fountas, S. Blackmore, Lie Tang	Greece Denmark Netherlands	Combining reactive & Deterministic Behaviors for Mobile Agricultural Robots
9	ITA	Gertsis, A, G. Vellidis & G. Rains	Greece USA	Applications of precision agriculture in Ellas (Greece): wheat yield mapping
57	IS	H. Singh, K. Bhattacharya	India	Agricultural Resource Planning through IT Platform – An Approach
50	OT	A. Rahimi, M. Rahimian , M. Alikhani and Farinaz Borgheii	Iran	Evaluation of radiation use efficiency and canopy orientation in corn (Zea mays L.) and pigweed (Amaranthus retroflexus L.) in competition condition
110	OT	E. Fateh, F. Sharif_Zadeh, D. Mazaheri, M. Baghesta	Iran	Evaluation of competition ability between corn (Zea Mays L.) and lambs quarter density (Chenopodium Album L.) influenced by planting pattern by using competition models
55	ITA	J. Gherekhloo, D. Mazaheri, A. Ghanbari, M. Ghannadha	Iran	Determination of economic damage threshold of weeds on wheat in Mashhad using regression equations
39	EB (NET)	Eleni Mangina, Ilias P. Vlachos	Ireland	Intelligent Optimisation Agents in Food Supply Chain Management
142	ICT	Ehud Gelb, P. Wagner, K. Roskopf, C. Parker	Israel	A Summary of the

				EFITA ICT Adoption Questionnaires
131	OT	Attilio A. Poli and Maria Chiara Metallo	Italy	Agriculture And Environment: A Reciprocal Sustainability
87	OT	A.Eglīte	Latvia	Sustainable Development of Rural Private Households in Latvia
54	EB	A. Kurlavicius, G. Kurlavicius	Lithuania	An Internet-Based Farm Management Decision Support System
46	IS	M. Coelho, A. Alves	Portugal	Rural Space Information System
32	DSS	I. Armeanu, F. Stanica.	Rumania	A multiple-criteria decision model for selecting the optimum fertilization variant for the 'Akane' apple-tree cultivar
105	OT	Orekhova T., Pashko E.	Rumania Ukraine	Internationalizational processes in the food industry: experience of Ukraine
132	ICT	Fetah, V., Sindir, K.O.	Turkey	Information Technology in Farming Businesses in Izmir and its Environs
94	ITA	M. Fadel	U.A.E	Testing of Variable Rate, GPS Guided Fertilizer Broadcasting Systems
15	EB (NET)	E. Pimenidis, J. Bolissian	UK	Value Added Communities and their impact on rural areas in Greece
36	EDU	H. Jahankhani, L. Iliadis, E. Pimenidis	UK	E-Learning in the work-places in the Rural Sector of northeastern Greece
86	EB	S. Pavlou, B. Karakostas	UK	Web Services: Their Role in Supply Chain for SMEs
137	OT	Alexandrov I.	Ukraine	Formation of Information basis of pricing poultry-products
95	IS	S. Ivanov, A. Lyakh	Ukraine	Enhancement of agro-industrial complex competitiveness through IT-based Information System in Transition Economies: case for Ukraine

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