

STAFF DATA INPUT FORM

Curriculum Vitae



Personal data

Full name **Zrinka Knezović, Ph.D.**
E-mail **zrinka.knezovic@sve-mo.ba**

Professional experience

Date 1998
Name and address of employer Faculty of Agriculture and Food Technology University of Mostar

Academic qualifications

Name Doctoral dissertation
Date 2005
Subject Relation of parametric and non-parametric methods in the genotype x environment interaction analysis

Name Master's thesis
Date 2001
Subject Application of non-parametric methods in the genotype x environment interaction analysis

Name Graduation thesis
Date 1988
Subject Testing the quality of thick orange juice

Education and training (scientific and professional)

Date 25 March 2011
Title of qualification awarded External expert for accreditation of study programs
Main subjects / acquired occupational skills External evaluation of study programs
Name and type of the organization providing education and training ESABIH

STAFF DATA INPUT FORM

Date 10 December 2010

Title of qualification awarded Authorized advisor

Main subjects / acquired occupational skills Expert for evaluation of action plans and studies on environmental impact assessment in the process of issuing environmental permits

Name and type of the organization providing education and training Federal Ministry of Environment and Tourism

Date April 2009

Title of qualification awarded HERE expert (Higher Education Reform Expert in BiH) representative of the University of Mostar

Main subjects / acquired occupational skills Higher education reform

Name and type of the organization providing education and training Ministry of Education, Science, Culture and Sports of the West Herzegovina District

Teaching activity

Name Undergraduate study of Agriculture, General course

Name of institution Faculty of Agriculture and Food Technology University of Mostar.

Modules Biometrics (holder)

Name Undergraduate study of Food Technology

Name of institution Faculty of Agriculture and Food Technology University of Mostar.

Modules Biostatistics (holder)

Name Graduate study of Agriculture - Crop production

Name of institution Faculty of Agriculture and Food Technology University of Mostar.

Modules Tests in crop production (holder)

Scientific interests

Name Genotype x environment interaction

Test planning and analysis

Current scientific and professional projects

STAFF DATA INPUT FORM

Date 2010 - 2013
Project name EU standards for accreditation of study programs on BH Universities
Source(s) of funding Tempus SMGR 158853-1-2009-1-SE
Status Leader for our institution

Date 2011
Project name Strategy of agricultural development and development of agriculture in rural areas of the Herzegovina Neretva District (2011 - 2016)
Source(s) of funding Federal Ministry for Agriculture, Water Management and Forestry
Status Associate

Date 2007 –now
Project name Increasing the efficiency of research by applying advanced biometric models
Source(s) of funding Ministry of Education of the Republic of Croatia
Status Associate

Completed scientific and professional projects

Date 2009
Project name Tempus IV "Reform of Higher Education through International University Cooperation"
Source(s) of funding Tempus (EACEA)
Status Associate as expert group - HERE Higher Education Reform Experts

Date 2008 - 2009
Project name Increasing the fertility of soil by using symbiotic nitrogen fixation
Source(s) of funding Federal Ministry for Agriculture, Water Management and Forestry
Status Associate

Date 2007 - 2008
Project name Fruit thinning of peach and nectarine
Source(s) of funding Federal Ministry for Agriculture, Water Management and Forestry
Status Associate

Date 2007 - 2008
Project name Test evaluation aimed at improving early production of vegetables

STAFF DATA INPUT FORM

Source(s) of funding Federal Ministry of Education and Science
Status Leader
Date 2008
Project name Automation of a part of the irrigation system in the Popovo field
Source(s) of funding Federal Ministry of Agriculture, Water Management and Forestry through the
PIU unit for implementation of projects in forestry and agriculture in the
framework of Small Commercial Agriculture Development Project
Status Leader
Date 2008
Project name GTZ-SPPOM 573000.7-001.00
Source(s) of funding GTZ GmbH
Status Consultant
Date 2008.
Project name Values of the landscape system of the lower course of the Trebizat River as a
basis of the proposal for preventive protection
Source(s) of funding BiH Federal Ministry of Education, Science and Sports
Status Associate
Date 2008
Project name "From Quality Assurance to Strategic Development"
Source(s) of funding Tempus project
Status Associate
Date 2007
Project name SCM project Sm SCM-C017A06-2006 "Structural preparation of BIH
universities for academic European integration through modular structure"
Source(s) of funding Tempus
Status Jointly responsible person
Date 2006 - 2009
Project name Reorientation of Academic Education in Agriculture in SE Europe - Curriculum
Development in Animal Breeding and Animal Husbandry

STAFF DATA INPUT FORM

Norwegian south eastern Europe (SEE) programme in agriculture:
Source(s) of funding "Institutional Collaboration Between Academic Institutions in Agriculture, Forestry and Veterinary Medicine In Norway and Bosnia & Herzegovina, Croatia and Serbia & Montenegro" 2006-2009.
Status Associate
Date 2006 - 2009
Project name Standardization of technology, chemical, physical and microbiological characteristics of the autochthonous Travnik and Livno cheeses

Norwegian south eastern Europe (SEE) programme in agriculture:
Source(s) of funding
Status Associate
Date 2006 – 2007
Project name Vegetable growing on a nutrient solution

Federal Ministry of Agriculture, Water Management and Forestry through the
Source(s) of funding PIU unit for implementation of projects in forestry and agriculture in the framework of Small Commercial Agriculture Development Project
Status Associate
Date 2006 - 2007
Project name Rational fertilization in the cultivation of high-quality early potatoes

Federal Ministry of Agriculture, Water Management and Forestry through the
Source(s) of funding PIU unit for implementation of projects in forestry and agriculture in the framework of Small Commercial Agriculture Development Project
Status Associate
Date 2004
Project name Content of omega 3 fatty acids in broiler meat in different systems of breeding and feeding
Source(s) of funding BiH Federal Ministry of Education, Science and Sports
Status Associate

Other scientific and professional activities

Activity name and status Commission for recognition and protection of varieties of farming and gardening crops of the BiH Federation - President
Name of institution Federal Ministry for Agriculture, Water Management and Forestry

STAFF DATA INPUT FORM

Date 2010 - now

Activity name and status Membership in the Scientific committee for the field of biotechnical sciences and agriculture

Name of institution Croatian Science Foundation

Date 2010 - now

Activity name and status Ethical council of the University

Name of institution University of Mostar

Date 2010 - now

Activity name and status Membership in the Scientific Committee of the Scientific Symposium "Croatian Plant Breeding, Seed and Nursery Production and European Integration"

Name of institution HAD - Ministry of Agriculture, Fishery and Rural Development of the Republic of Croatia

Date 2010

Activity name and status Membership in the Scientific Committee of the 43rd Croatian and 3rd International Symposium of Agronomists Opatija

Name of institution University of Zagreb, Faculty of Agriculture in cooperation

Date 2008

Activity name and status Quality Assurance Committee of the University of Mostar

Name of institution University of Mostar

Date 2006 - now

Activity name and status Membership in EUCARPIA

Name of institution European Association for research on plant breeding

Date 2006 - now

Activity name and status Membership

Name of institution HBMD - Croatian Biometric Society

Date 2005 - now

Scientific publications

STAFF DATA INPUT FORM

Zrinka Knezović; Elma Sefo Zdravko Matotan Ana Sabljo Variability of local populations Kale Seed, Seed Science Journal Vol.29 No.3-4 March 2013th

Zrinka Knezović, Elma Sefo, Zdravko Matotan Ana Sabljo 2013th
Variability of local populations kale. Proc 48.hrvatskog and 8.međunarodnog Symposium on Agriculture, 17 to 22 February Dubrovnik, Croatia from 0.98 to 99.

Diana Vego, Zrinka Knezović and Paulina Saravanja, (2012.) Selection of fresh fruit figs on the basis of its pomological properties, the Fifth International Conference "Food to Health" Tuzla September 2012.

BELJO J. Livaja B. Knezović Z. Filipovic, A., (2012). Influence of maturity and harvest time on seed germination Tobacco Seed 29 (2012) Seed Science Journal 1-2 UDC: 633.1 (045) = 862

Ivanković, P., Piria M., Treer T., Knezović Z. (2011.): Meristic and morphometric characteristics of endemic Neretva chub, *Squalius svallize* from the Neretva River area, Bosnia and Herzegovina

Source: JOURNAL OF APPLIED ICHTHYOLOGY Volume: 27 Issue: 4
Pages: 1031-1032 DOI: 10.1111/j.1439-0426.2011.01741.x

Filipović, A., Sefo, E., Sabljo, A., Lasić, M., Knezović, Z.,(2011): Qualitative properties of the autochthonous potato cultivar poluranka. Book of abstracts, the Fourth International Scientific Symposium Croatian Plant Breeding, Seed and Nursery Production and European Integration, Šibenik, 28-30 September 2011, pp 58.

Filipović, A., Sefo E., Sabljo A., Lasić M., Knezović Z. (2011.): Yield and tuber qualitative characteristics of local potato cultivar poluranka Seed Science Journal 28 1-2

Ivanković,A., Velagić Habul, E., Knezović Z. (2011.) Phisico-chemical characteristics of shallow, high mountain Lake Blidinje (in a karst area of Bosnia and Herzegovina) with emphasis on its trophic status DOI: 10.2478/s13545-011-0025-4-Oceanological and Hydrobiological Studies Vol.40, Issue 3. 19-27

Sefo, E., Matotan, Z., Knezović, Z., Karić,(2011): Evaluation of Herzegovinian autochthonous germplasm of collard greens (*Brassica oleracea* L. var. *acephala*) Seed Science Journal 27 (2011.) 3-4 UDK: 633.111.1 (045)

Sefo, E., Matotan, Z., Knezović, Z., Karić, L., (2011.): Morphological and agricultural characteristics of kale populations (*Brassica oleraceae* L. var. *acephala*) from the Herzegovina region. Book of Abstracts, 22nd International Scientific-Expert Conference of Agriculture and Food Industry, Sarajevo, pp 81. (CAB Abstracts, Nutrition and Food Sciences Database).

STAFF DATA INPUT FORM

Ivanković, P., Treer, T., Piria, M., Knezović, Z. (2010.): Diet and growth of endemic Adriatic dace *Leuciscus svazile* from the Neretva river area, Bosnia and Herzegovina. *Folia Zoologica* 59 (a1) journal

Vego, D., Šaravanja, P. and Knezović, Z. (2010): Fruit thinning of peach and nectarine. *Acta Hort.* (ISHS) 884:695-699. http://www.actahort.org/books/884/884_94.htm

Ivanković, A., Velagić Habul, E., Hafner, D. and Knezović, Z. (2010): Blidinje Lake – Some Chemical And Hydrobiological Characteristics- BALWOIS 2010 - Ohrid, Republic of Macedonia

Sefo, E., Matotan, Z., Knezović, Z., Majić, A., Ivanković, P., Ćorić, R. (2010.): The influence of production technology on watermelon yield in southwest Herzegovina. *Agronomy journal* 1/2010, ISSN 0002-1954, UDK 63, 15-25.

Majić, A., Poljak, M., Knezovic, Z., Sabljo, A., Sefo, E. (2009.): Chlorophyll meter as diagnostic tool for nitrogen fertilization management in potato crop (*Solanum tuberosum* L.). *Proceedings of the 16th Nitrogen Workshop, Connecting different scales of nitrogen use in agriculture, June, 28th- July, 1st 2009. Turin, Italy, 253-254.*

Majić, A, Poljak, M., Sabljo, A, Sefo, E., Knezović, Z. (2009.): Nitrate-Nitrogen Rates in Petiole Sap of Potato Crop (*Solanum tuberosum* L.). *Seventh International Workshop on Sap Flow Sevilla, 24 April 2009., Spain, Acta Horticulturae Number 846, 333-338.*

Matotan, Z., Sefo, E., Knezović, Z., Ivanković, P., Majić, A., Ćorić, R. (2009.): The influence of grafting on yield of tomatoes grown in greenhouse conditions. *Book of abstracts of the 44th Croatian and 4th International Symposium of Agronomists, 16 to 20 February 2009, Opatija, Croatia, 122-123.*

Sefo, E., Matotan, Z., Knezović, Z., Ivanković, P., Majić, A., Ćorić, R. (2009.): The influence of production technology on watermelon yield in the southwest Herzegovina. *Book of abstracts of the 44th Croatian and 4th International Symposium of Agronomists, 16 to 20 February 2009, Opatija, Croatia, 131-132.*

Vasilj, V., Sikora, S., Knezovic, Z., Majic, A., Ćorić, R.(2009.) : The influence of different types of vegetation on microbiological population in different soils of Western Herzegovina *16th Nitrogen workshop (Connecting different scales of nitrogen use in Agriculture Turin Italy Printed by Tipografia Fiordo s.r.l., Galliate (NO), ISBN 978-88-902754-2-5*

Vego, D., Šaravanja, P., Knezović, Z. (2009.): Fruit Thinning of Peach and Nectarine *11th International Symposium on Plant Bioregulators in Fruit Production Bologna 2009.*

STAFF DATA INPUT FORM

Vasilj, V., Knezović, Z., Spužević, I., (2009.): Viticulture as a resource of rural development in the area of Dubravka plateau and Mostarsko field XX Scientific Symposium of Agriculture and Food Industry Neum

Vasilj, V., Sikora, S., Redžepović, S., Knezovic, Z. (2009.): Rates of certain groups of microorganisms under different vegetations Papers of the Faculty of Agriculture and Food Sciences University of Sarajevo. UDK 63/66 (058) 0808.1/2 yr.LV, No.60/1

Vasilj, V., Sikora, S., Redžepović, S., Knezovic, Z. (2009.): Rates of certain groups of microorganisms under different vegetations XX Scientific Symposium of Agriculture and Food Industry Neum

Knezović, Z., Sabljo, A., (2009.): The role of biometrics in improvement of research in plant production XX Scientific Symposium of Agriculture and Food Industry Neum

Rogošić, J.; Stein R. Moe; Škobić, D.; Knezović, Z.; Rozić, I. and Živković, M., Pavličević, J.(2009):Effect of supplementation with barley and activated charcoal on intake of biochemically diverse Mediterranean shrubs *Small Ruminant Research*. [Volume 81, Issues 2-3](#), February 2009, Pages 79-84

Majić, A., Poljak, M., Sabljo, A., Knezović, Z., Thorvat, T. (2008.): Efficiency of use of Chlorophyll meter and Cardy-ion meter in Potato Nitrogen nutrition supply – VI Alps-Adria Workshop Slovakia

Knezović, Z., Matotan, Z., Bevanda, I., Sefo, E., Majić, A. (2008.): Correlations between some economically important properties of string beans (*Phaseolus vulgaris* L.). *Seed Science Journal* Vol. 25 No. 2, 81-90.

Sefo, E., Matotan, Z., Knezović, Z. (2008.): Growing vegetable seedlings in floating containers on nutrient solution. Book of abstracts of the 43rd Croatian and 3rd International Symposium of Agronomists, 18 to 21 February, Opatija, Croatia, 154-155.

Vego, D., Šaravanja, P., Knezović, Z. (2008): Fruit thinning of peach and nectarine, Faculty of Agriculture and Food Technology Mostar - brochure

Primorac, J., Knezović Z., Dujmović Purgar D., Kozumplik, V., Bolarić, S (2008):Phenotypic characteristics of breeding populations of red clover selected for tolerance to drought and frost 43rd Croatian and 3rd International Symposium of Agronomists, Opatija

Primorac, J., Kozumplik, V., Barba, L., Knezović, Z., Bolarić, S.(2007), **Morphological and agronomic characteristics of Croatian red clover (*Trifolium pratense* L.) breeding populations tolerant to abiotic stress.** // *Cereal Research Communications*. **35** , Part 2; 953-956 (article, scientific).



STAFF DATA INPUT FORM

Matotan, Z., Sefo, E., Knezović, Z.(2007): Brochure - Modern technologies of growing vegetable seedlings , Faculty of Agronomy Mostar.

Ivanković, P., Batinić, V., Sefo, E., Knezović, Z. (2007.): Zooplankton of the Peć Mlini reservoir. Proceedings of the International Scientific Symposium "Fish farming in reservoirs - manageability and environmental protection", Neum 2007, 405-417.

Popović S., Tucak M., Knezović Z.(2007): Response of alfalfa to liming VI Alps Adria Scientific Workshop Obervellach Austria.(A1 paper)

Gunjača J., Knezović Z., Pecina M.,(2007): Genotype by environment interaction in variety trials VI Alps Adria Scientific Workshop Obervellach Austria.(A1 paper)

Primorac J., Kozumplik V., Barba L., Knezović Z., Bolarić S. (2007): Morphological and agronomic characteristics of Croatian red clover (*Trifolium pratense* L.) breeding populations tolerant to abiotic VI Alps Adria Scientific Workshop Obervellach Austria (A1 paper)

Arar K., Knezović Z., Butula S. Values of the landscape system of the lower course of the Trebizat River - perception of the high school population Scientific Symposium of Croatian Agronomists with international participation, Opatija

Majić, A., Poljak, M., Sabljo, A., Knezović, Z.,(2007): Nitrogen nutrition impact on quantitative traits of early potato (*Solanum tuberosum* L.); The 6th International Symposium "Prospects for the 3rd Millennium Agriculture", Cluj-Napoca.

Poljak, M., Majić, A., Sabljo, A., Knezović, Z., (2007), Application of chlorophyll meter in environmental protection; "Fish farming in reservoirs - manageability and environmental protection", International Scientific Symposium, Neum.

Poljak, M., Majić, A., Knezović Z., Horvat T.; (2007): Application of chlorophyll meter in evaluating the effect of nitrogen on growth and development of early potatoes; 2nd Croatian Botanical Congress with international participation, Zagreb, Croatia

Majić, A., Poljak, M., Knezović, Z., Horvat, T., (2007): Influence of nitrogen fertilization on nitrate contents in potato tuber Scientific Symposium of Croatian Agronomists with international participation, Opatija

Gunjača, J.; Knezović, Z.; Pecina, M.(2007): Genotype by environment interaction in variety trials. // Cereal Research Communications. 35, 2 Part 1; 425-428.

STAFF DATA INPUT FORM

Safner T.; Knezović Z., Gunjača J. (2006): Using Stability Indices for the Assessment of Adaption, Paper in XIII International Symposium Eucarpia – Biometrica in Plant Breeding Section Meeting published in Agriculture conspectus scietificus Vol. 71 Supplement 1

Knezović Z., Gunjača J., Šatović Z., Kolak I. (2005.): Comparison of Different Methods for Classification of Gene Bank Accessions. Agriculture Conspectus Scientificus, Vol.70 No.3 (87-91)

Vego D., Knezović Z. (2004): The fig wasp *Blastophaga psenes* rate in spring blooming of studied types of wild fig (*Ficus carica* L. var. *caprificus*) *Pomologia croatica*, Vol.10-2004.No.1-4.-

Knezović, Z., Gunjača J., Šatović, Z., Kolak, I., (2004): Beens differences between local varieties. Paper in International Symposium Sustainable Use of Plant and Animal Genetic Resources in the Mediterranean Region, Mostar 14 - 16 October 2004.

Ivanković S., Zelenika A., Knezović Z., (2004): Breed Composition of Cattle in West Herzegovina Canton. Proceedings of the 55th Meeting of the EAAP, Bled, Slovenia

Knezović, Z., Gunjača J. (2004.): Identifying and testing genotype x environment interaction using non-parametric methods. Paper in the Scientific Symposium of Croatian Agronomists with international participation, Opatija.

Herceg N., Kolak I., Gagro M., Kolega A., Knezović Z. (2003.): Selection of cultivars for potato production. *Seed Science Journal* 20: 303-337 -

N.Herceg, I. Kolak, M. Gagro, A.Kolega and Zrinka Knezović (2003): Influence of cultivars and planting dates on yield and quality of potatoes. *Seed Science Journal* 20: 247-296

Knezović, Z., Gunjača J.(2002): Stability analysis of spring oats using non-parametric criteria. *Znanstveni glasnik* 12: 209-278. Presented at the Scientific Symposium with international participation: Agriculture at the Threshold of the Third Millennium, Neum 17 and 18 October 2002.

Knezović, Z., Gunjača J. (2002): Non-parametric criteria of yield stability of some winter wheat varieties. *Agriculture Conspectus Scientificus* 67: 143–148 -