



EDITA ŠTEFANIĆ, Ph.D.
Associate Professor of Practice
Agronomy & Horticulture
PLSH 368
IANR NE 68583-0915

Phone: 402-472-2811 On-campus 2-2811

E-mail: estefanic2@unl.edu

Education:

(1991- 1996) Ph.D. University J.J: Strossmayer, Faculty of Agriculture, 1996 Major: Plant Medicine
(1986 – 1990) M.S. University in Novi Sad, Faculty of Natural Science, 1990. Major: Plant Taxonomy
(1982-1986) B.S. University J.J: Strossmayer, Faculty of Agriculture, 1986. Major: Crop Science

Professional Experience:

From 2025: Associate Professor of Practice, University of Nebraska Lincoln, Department of Agronomy and Horticulture; Teaching and research in the field of Botany and Plant Ecology
From 2007- 2025: Full Professor, Dept. of Plant Protection, Faculty of Agriculture in Osijek; Teaching and research in the field of Weed Science and Plant Ecology
From 2003 to 2007: Associate Professor, Dept. of Plant Protection, Faculty of Agriculture in Osijek; Teaching and research in the field of Weed Science and Plant Ecology
From 1997 to 2003: Assistant Professor, Dept. of Plant Protection, Faculty of Agriculture in Osijek; Teaching and research in the field of Agricultural Botany and Plant Ecology
From 1990 to 1997: Assistant, Dept. of Plant Protection, Faculty of Agriculture in Osijek; Teaching and research in the field of Applied Botany and Plant Taxonomy
From 1986 to 1990: Department member, Dept. of Plant Protection, Faculty of Agriculture in Osijek;

International experience:

2019/20. Fulbright Schuman scholarship, North Carolina State University, Raleigh, NC, USA – *Weed Science*
2015/16. Visiting professor – University of Minnesota, St. Paul, MN, USA- *Weed Science*
2013. USDA – Cochran fellowship, Plant protection, University of Minnesota, St. Paul, USA – *Plant Protection*
2012. TEMPUS mobility- Università degli studi di Bari, Italy - *Integrated pest management*
2012. ERASMUS mobility – Agricultural University of Athens, Greece – *Use of GIS in vegetation analysis*
2006. International Aerobiology Association – Meteo-Swiss – Val de Nandez, Switzerland – *Allergic pollen and spore dispersion*
2005. TEMPUS mobility – BOKU, Wien, Austria – *Plant biology*
2004. TEMPUS mobility – University Hohenheim, Germany – *Biology and ecology of weeds*
2003. International Aerobiology Association – Adam Mickiewicz University, Poznan, Poland – *Determination of Allergenic Pollen and Spore*
2001. International Aerobiology Association –Faculty of Agronomy, Perugia, Italy– *Methodology for Monitoring of Allergic Pollen and Spore*
1995/96. Fulbright scholarship, North Carolina State University, Raleigh, NC, USA – *Weed Science*
1995. Fulbright grant, University of Columbia, Columbia SC, USA – *Academic skills*
1993/94. BOKU, Wien, Austria – *Biology and ecology of weeds*
1992. TEMPUS – Universites Catolique de Louvain, Louvain la Neuve, Belgium – *Plant ecology*

Projects:

Project leader:

2010. - 2013. Tempus Project N. 158875-TEMPUS-1-2009-1-IT-TEMPUS-JPCR “International Joint Master Degree in Plant Medicine” – coordinator for J.J. Strossmayer University

2007. - 2014. “Monitoring of aeroallergens and model of sustainable management of allergenic plants” (079-2192374-0261 financed by Ministry of science and technology RH)– project leader

2004. - 2007. “Production of milk thistle (*Sylibum marianum*) for the need of pharmaceutical companies” (financed by Ministry of agriculture and forestry RH) – project leader

2007. - 2008. “Preparation of cadaster for honeybee plants in Baranja region” (financed by Osijek-Baranja County) – project leader

2001. - 2004. “Introduction and production of pyrethrum (*Tanacetum cinerariifolium*) for world market” (III-1-12/00 financed by Ministry of agriculture and forestry RH) – project leader

2002. - 2006. “Monitoring of aeroallergen pollen and airborne spore in RH” – (0079039 financed by Ministry of science and technology RH) - project leader

2001. – 2002. “Sustainable strategies for control of allergenic plants” (079998 financed by Ministry of science and technology RH) - project leader

1998. – 2002. “Perennial weed management in vegetables” (ALIS 046 – bilateral cooperation between UK and Croatia) – project leader

Project associate:

2023-2028. – Life SAP-NAT-NATURE (Nature & Biodiversity-Standard Action Projects (SAP)

2014.-2020. “ROSIS4H” – IPA Cross-border Co-operation programme Croatia-Serbia; EU Funds

2014.-2019. “STRONGER” – Interreg IPA CBC cooperation Programme Croatia – Bosnia and Herzegovina – EU Funds

Invited lectures:

1. Stefanic, E.: „Invasive plants – what should we need to know about them? “Interaction of Natural and Social Process in Shallow Lake Areas, Nov. 6-7th 2014.Kaposvar, Hungary
2. Stefanic, E.: „Ragweed in Europe “Workshop on Invasive species in shallow lake and wetland areas, Nov. 5th 2014. Kaposvar, Hungary
3. Stefanic, E.: „Impact of ragweed in Croatia “Symposium on ragweed –Oct. 6th 2008. Brussel
4. Stefanic, E.: „Situation and solutions referring to Agriculture and Healthcare in Croatia “Ragweed – ein eingeschlepptes brisantes Gewasches wird vom regionalen zum osterreichweiten Problem, St Poelten, Austria, March, 10th 2009.
5. Stefanic, E.: „Impact of *Ambrosia artemisiifolia* as a crop and environmental weed “Towards sustainable management of *Ambrosia artemisiifolia* in Europe”, CABI Europe, Switzerland, Delemont, Dec. 7th 2009.
6. Stefanic, E.: „Ragweed in Croatia – agricultural and public health problem “. 1st International Ragweed Conference, Sept, 10- 13th 2008. Budapest

Teaching:

PLAS 278 Botany
 PLAS 325 Introductory Plant Physiology
 NRES 220 Principles of Ecology
 NRES 222 Ecology Laboratory

Mentoring and serving in committee

PhD – mentor of 5 PhD thesis, 3 PhD thesis in progress; serve in committee of 2 PhD thesis

MSc – mentor of 56 graduate thesis; serve in many committee

BSc – mentor of 48 thesis; serve in many committee

Membership:

EWRS (European Weed Research Society) – member
WSSA (Weed Science Society of America) - member
IAA (International Aerobiology Association) - member
HDBZ (Croatian Association of Plant Protection) - member

Honors and Awards:

2010. BRUSSEL, EU – Ambassador of “The European Network of Female Entrepreneurship Ambassadors”

2009. LONDON, UK – gold medal for invention („Weeding equipment with active tools “)

2008. INPEX, Pittsburg, USA - silver medal for invention („Botanicals with low pyrethrum content for keeping insects under control “)

2005. IENA Nurnberg, Germany – silver medal for invention („Shampoo against louses with herb extracts of the dalmatian insect flower (Tanacetum cinerariifolium), lavender and chamomile “)

Organizational skills and competencies:

- Organizer of EWERS workshop “Economics of Weed Control: principles and practice” (Dubrovnik, May 16-17, 2019.)
- Co-organizer of Study tour to North Carolina State University for the students of J.J. Strossmayer University (Oct. 2012.)
- Organizer of international training „Weed management and control “(Osijek, May, 7th to 11th 2011.)
- Organizer of 2nd International Symposium “Intractable weeds and plant invaders” (Osijek, Sept. 14-18th 2008)

Social skills and competencies:

- Member of Lions Clubs International (District 126 Croatia, LC „Kuna “Osijek)
- **2012. - 2014.** - Prepared and lead project „Outdoor hospital – a special place for children with asthma and breathing disorders “(LCIF Standard Grant 11922/126 – total amount of US\$ 86,400)

List of publication: Edita Štefanić (born: Baketa):

Peer review papers:

Rasic, S., Lucic, P., Zimmer, D., Lukacevic, M*, Radojic, N., Benkovic, R, **Stefanic, E.** (2025): The Taxonomic content of the Spectrum, Seasonality, and Concentrations of the Airborne Pollen Grains In Vukovar-Syrmia County (Northeastern Croatia). Sustainability 17 (5), 2130, <https://doi.org/10.3390/su17052130>

Stefanic, F., Radojic, N., Lukacevic, M*, **Stefanic, E.** (2024): The Socio-economic Impact of Allergenic Weeds: Prevention and Costs of their Suppression in Vukovar-Syrmia County. Research Journal of Agricultural Science 56 (3), 273-280.

Lucic, P., Rozman, V., Liska, A., **Stefanic, E.**, Zima, D., Zimmer, D. (2024): Učinkovitost šest hrvatskih inertnih prašiva I diatomejske zemlje Celatom Mn-51® u suzbijanju kestenjastog brašnara *Tribolium castaneum* Herbst (Coleoptera: Tenebrionidae) na pšenici. Zbornik Veleučilišta u Rijeci 12 (1), 441-453.

Stefanic, E., Rasic, S., Lucic, P., Mijic, A., Antunovic, S., Japundzic-Palenkic, B., Lukacevic, M., Stefanic, I. (2023): The Critical Period of Weed Control Influences Sunflower (*Helianthus annuus* L.) Yield, Yield Components but Not Oil Content. Agronomy 13.

Stefanic, E., Zima, D., Domacinovic*, M., Lucic, P. Rasic, S. (2023): Spread of Tree of Heaven (*Ailanthus altissima* (Mill.)Swingle) in Urban Areas: a Case Study of osijek (Republic of Croatia). Zbornik Veleučilišta u Rijeci – Journal of the Polytechnic of Rijeka 11 (1), 355-365.
<https://doi.org/10.31784/zvr.11.1.19>

Stefanic, E., Rasic, S., Lucic, P., Tolic, S., Zima, D., Antunovic, S., Japundzic-Palenkic, B., Stefanic, I. (2022): Weed Community in Soybean Responses to Agricultural Management Systems. Agronomy 12 (11), 2846. <http://doi.org/10.3390/agronomy12112846>

Štefanić, E., Lukačević, M*, Rašić, S., Lucić, P. (2022): Kiwano (*Cucumis metuliferus* E. Meyer ex. Naudin) response to weed management practice and planting time in Eastern Slavonia. Journal of Central European Agriculture 23 (3), 624-631. <https://doi.org/10.5513/JCEA01/23.3.3562>

Štefanić, E., Zima, D., Gantner, V., Antunović, S., Japundžić-Palenkić, B. (2022): Botanical characteristics,

- toxicity and control of bracken fern (*Pteridium aquilinum* (L.) Khun). Zbornik Veleučilišta u Rijeci – Journal of the Polytechnic of Rijeka 10 (1), 467-478 <https://doi.org/10.31784/zvr.10.1.26>
- Štefanić, E., Kovačević V., Jakovljević, L., Kosić, U., Zima, D., Turalija, A. (2021): Weed community in a conventionally-grown olive orchard vs. weed community in consociation with pyrethrum (*Tanacetum cinerariifolium* (Trevir.) Sch.Bip). Poljoprivreda 27 (1), 30-36. <https://doi.org/10.18047/poljo.27.1.4>.
- Zima, D., Štefanić, E. (2021): Invasive vascular flora of Požega valley, Republic of Croatia-diversity and risk assesment. Zbornik Veleučilišta u Rijeci – Journal of the Polytechnic of Rijeka 9 (1), 441-451. <https://doi.org/10.31784/zvr.9.1.27>
- Štefanić, E., Antunović, S., Japundžić-Palenkić, B., Zima, D. (2021): Manipulation of sunflower population density and herbicide rate for economical and sustainable weed management. Rom.Biotechnol. Lett. 26(4), 2751-2758. <https://doi.org/10.25083/rbl/26.4/2751.2758>
- Štefanić, E., Rašić, S., Panjković, B., Kovačević, V., Zima, D., Antunović, S., Štefanić, I. (2020): The role of weeds from field margins in supporting pollinators. Journal of Central European Agriculture 21 (3), 602-608. <https://doi.org/10.5513/JCEA01/21.3.2751>
- Štefanić, E., Maletić, Đ*, Zima, D., Štefanić, I. (2020): Economic evaluation of different strategy for weed management in garlic production. Zbornik Veleučilišta u Rijeci – Journal of the Polytechnic of Rijeka 8 (1), 445-454. <https://doi.org/10.31784/zvr.8.1.5>
- Stefanic, I., Campbell, K.R., Russ, J.S., Štefanić, E. (2020): Evaluation of a blended learning approach for cross-cultural entrepreneurial education. Inovations in education and teaching international 57, (2), 242-254. <https://doi.org/10.1080/14703297.2019.1568901>
- Štefanić, E., Kovacevic, V., Antunovic, S., Zima, D., Turalija, A., Nestorovic, N* (2018): Floristic biodiversity of weed community in arable lands of Istira peninsula (from 2005 to 2017). Ekologia (Bratislava) 38 (2), 166-177. <https://doi.org/10.2478/elo-2019-0013>
- Kraehmer, H., Andreasen, C., Economou-Antonaka, F., Holec, J., Kalivas, D., Kolarova, M., Novak, R., Panozzo, Pinke, G., Salonen, J., Sattin, M., Štefanić, E., Vanaga, J. (2018): Weed surveys and weed mapping in Europe: State of the art and future tasks. Crop Protection 129, 105010. <https://doi.org/10.1016/j.cropro.2019.105010>
- Orkic, I*, Štefanić, E., Antunovic, S., Zima, D., Kovacevic, V., Stefanic, I., Dimic, D. (2019): Host range of field dodder (*Cuscuta campestris* Yuncker) in sugar-beet fields (example from northeastern Croatia). Lysty cukrovarnicke a reparske 135 (5-6), 198-203.
- Radojčić, N*, Štefanić, E., Antunović, S., Zima, D., Dimić, D., Štefanić, I. (2018): Weed Species Changes over Long-term Period in Sugar Beet Production. Lysty cukrovarnicke a reparske 134,(7-8), 242-247.
- Štefanić, E., Radojčić, N*, Frolich, M., Stefanic, K., Dimic, D., Musser, E. (2018): Aeroallergen survey of Vukovar-Srijem county using a Burkard volumetric spore trap. 53. Croatian and International Symposium of Agronomy, February, 18-23, 76-80.
- Zima, D., Štefanić, E., (2018): Analiza medonosnosti invazivnih biljnih vrsta Požeške kotline. 53. Croatian and International Symposium of Agronomy, February, 18-23, 91-95.
- Štefanić, E., Kovacevic, V., Antunovic, S., (2018): decline of arable flora diversity in Istria (from the year 2005 to the year 2017). Zbornik Veleučilišta u Rijeci -Journal of the Polytechnic of Rijeka, 6 (1), 385-398. <https://doi.org/10.31784/zvr.6.1.25>
- Špoljarić-Maronić, D., Sabljak, D*, Štefanić, E., Žuna-Pfeifer, T. (2017): Melliferous flora and pollen characterization of honey from Pozega area. Poljoprivreda/Agriculture 23 (2), 65-72. <https://doi.org/10.18047/poljo.23.2.10>
- Chapman, D.S., Scalone, R., Štefanić, E., Bullock, J.M. (2017): mechanistic species distribution modeling reveals a niche shift during invasion. Ecology 98 (6), 1671-1086. <https://doi.org/10.1002/ecy.1835>
- Stefanic, I., Simunovic, G., Štefanić, E., Campbell, R.K. (2017): Enterpreneurial education for students of non-economic educational programs. Tehnički vijesnik 24, 1079-1086. <https://doi.org/10.17559/TV-20161128153529>
- Štefanić, E., Kovacevic, V., Dimic, D., Stefanic, I., Antunovic, S. (2017): Changes in weed species composition in northeastern Croatian row crops from 1977 to 2015. Herbologia 16 (2), 57-62.

- Stefanic, E.**, Dimic, D., Sudaric, A., Stefanic, I., Antunovic, S., Horvat, G. (2017): Seasonal dynamic of weed biomass in narrow and wide row soybean (*Glycine max* (L.) Merr.). *Herbologia* 16, (2), 63-68.
- Scalone, R., Lemke, A., **Stefanic, E.**, Kolseth, A.K., Rasic, S., Andersson, L. (2016): Phenological variation in *Ambrosia artemisiifolia* L. facilitates near future establishment at northern latitudes. *PLOS ONE*, 1-15. <https://doi.org/10.1371/journal.pone.0166510>
- Stefanic, E.**, Stefanic, I., Antunovic, S., Japundzic-Palenkic, B. (2016): Economic analysis of weed control in transplanted cabbage (*Brassica oleracea* var. *capitata*). *Herbologia* 16 (1), 59-66.
- Stefanic, E.**, Antunovic, S., Japundzic-Palenkic, B., Stefanic, I. (2016): Weed community responses to agricultural management system in transplanted cabbage (*Brassica oleracea* var. *capitata*) . *Herbologia* 16 (1), 51-58.
- Stefanic, E.**, Dimic, D., Stefanic, I., Sudaric, A., Rasic, S., Gregic, I., Kovacevic, V. (2015): Structure of weed community in soybean crop in Vukovar-Srijem county. 8th International scientific/professional conference "Agriculture in nature and environmental protection", Vukovar, June 1-3, 94-98.
- Stefanic, E.**, Gregic, I., Stefanic, I., Rasic, S., Pancic, S. (2015): Determination of critical period of weed control in soybean crop (*Glycine max* (L.) Merr.). 8th International scientific/professional conference "Agriculture in nature and environmental protection", Vukovar, June 1-3, 99-103.
- Kovacevic, V*, **Stefanic, E.**, Stefanic, I. (2014): *Parietaria judaica* L. in Istria. Proceedings of the 4th International Conference Vallis Aurea, Pozega
- Antunovic, S*, **Stefanic, E.**, Rasic, S., Vujcic, J. (2014): Primjena bioloskih agensa u suzbijanju ambrozije (*Ambrosia artemisiifolia* L.). 7th International Scientific/Professional Conference: Agriculture in Nature and Environmental Protection, Osijek
- Stefanic, E.**, Stefanic, I., Dimic, D*, Dimic, D., Mikic, M*. (2014): Mechanical and chemical alternatives for weed control in watermelon (*Citrullus lanatus* L.). 7th International Scientific/Professional Conference: Agriculture in Nature and Environmental Protection, Osijek, 257-261.
- Antunovic, S*, **Stefanic, E.**, Rasic, S. (2013): Elongation of ragweed male inflorescence in different habitats during 2010. 5th Int. Scientific and Expert Conference, Presov, 165-168.
- Zima, D*, **Stefanic, E.** (2009): Suhi travnjaci Pozeske kotline i mogucnosti njihove zastite. 44th Croatian & 4th International Symposium on Agriculture, 122-126.
- Rasic, S*, **Stefanic, E.**, Stefanic, I. (2009): Plants for bees: *Sylibum marianum*. *Journal of Apicultural research* 48, 298-299.
- Antunovic, S*, **Stefanic, E.**, Japundzic-Palenkic, B., Romanjek-Fajdetic, N. (2009): Weed species distribution under different management strategies in cabbage. 1st International Scientific and Expert Conference, Slavonski Brod, 296-299.
- Puskadija, Z*, **Stefanic, E.**, Florijancic, T., Opacak, T., Kraljicak, Z., Mijic, A. (2008): Znacaj evidencije pcelara i pcelinjaka za regionalni razvoj. 1st Int. conference „Vallis Aurea“, 801-805.
- Puskadija, Z*, **Stefanic, E.**, Mijic, A., Zdunic, Z., Paradzиковic, N., Florijancic, T., Opacak, A. (2007): Influence of weather conditions on honey bee visits (*Apis mellifera carnica*) during sunflower (*Helianthus annuus* L.) blooming period. *Agriculture Scientific and Professional Review* 13, 230-233.
- Stefanic, E.**, Rasic, S., Merdic, S., Colakovic, K*. (2007): Annual variation of airborne pollen in the city of Vinkovci, northeastern Croatia. *Annals of Agricul. & Environ. Medicine* 14, 97-101.
- Stefanic, E.**, Stefanic, I., Murdoch, A.J. (2005): Response of a weed community to different management practice in field bean. *Journal of Plant Disease and Protection*, 112 (5) 437-446.
- Stefanic, E.**, Kovacevic, V., Lazanin, Z. (2005): Airborne ragweed pollen concentration in north-eastern Croatia and its relationship with meteorological parameters. *Annals of Agricultural & Environmental Medicine* 12 (1), 75-79.
- Stefanic, E.**, Stefanic, I., Solic, M.E. (2005): Common indigobush and its significance for beekeeping in the Republic of Croatia. *Bee World* 86 (2), 42-43.
- Stefanic, I., Murdoch, A.J., **Stefanic, E.**, Tolic, S. (2004): Developing agricultural education in the Republic of Croatia using UK examples. *Bodenkultur* 55 (2), 83-91.
- Stefanic, I., **Stefanic, E.**, Puskadija, Z., Kezic, N., Grgic, Z. (2004): Beekeeping in the Republic of Croatia. *Bee World* 85 (1), 19-21.

- Stefanic, E.**, Puskadija, Z., **Stefanic, I.**, Bubalo, D. (2003): Goldenrod: a valuable plant for beekeeping in north-eastern Croatia. *Bee World* 84 (2), 86-90.
- Stefanic, E.**, **Stefanic, I.**, Murdoch, A.I. (2003): Economic analysis of integrated weed management in field bean (*Phaseolus vulgaris* L.). *Plant Soil Environ.*, 49, (4), 183-189.
- Stefanic, I.**, **Stefanic, E.**, Haas, R. (2001): What the customers really want: organic food market in Croatia? *Bodenkultur*, 52 (4), 323-328.
- Pavlovič, M., **Štefanić, I.**, **Štefanić, E.**, Adamič, N., M., Majer, D., Turk, J. (2001): Analiza množnosti i trženja ekoloških proizvoda na širšem celjskom ombočju. . Research reports, Biotechnical Faculty, University of Ljubljana, 77, 39-48.
- Stefanic, E.**, **Stefanic, I.**, Murdoch, A.J. (2001): Impact of different weed management practice on the diversity of weed communities in field bean production. The BCPC Conf. – Weeds, 255-260.
- Stefanic, E.**, **Stefanic, I.**, Murdoch, A.J. (2000): Composition and weed species diversity in vegetables under different management practices. Seventh Congress of Croatian Biologists, 269-270.
- Pavlovič, M., **Stefanic, I.**, **Stefanic, E.**, Oset, M., Majer, D., Turk, J. (2000): Analiza razmer za ekološko pridelavo na kmetijah dela SV Slovenije. Research reports, Biotechnical Faculty, University of Ljubljana, 75, 253-264.
- Štefanić, E.**, **Štefanić, I.**, Kuharić, D. (1999): A. Leopold – ostavština za budućnost: Leopoldov centar za održivu poljoprivredu. *Sociologija Sela*, 37, 219-231.
- Štefanić, I.**, **Štefanić, E.** (1998): Poljoprivreda u SAD-u. *Sociologija Sela* 36, 127-144.
- Štefanić, E.**, **Štefanić, I.** (1997): Maize-weed interaction in different tillage treatments in North-eastern Croatia. *Bibliotheca Fragmenta Agronomica*, 601-605.
- Štefanić, I.**, **Štefanić, E.**, Petrač, B. (1997): Economic analysis of different tillage management in north-eastern Croatia. *Bibliotheca Fragmenta Agronomica*, 597-600.
- Štefanić, E.**, **Štefanić, I.** (1996): Interaction between tillage system and profitability of maize production in north-eastern Croatia. Second International Weed Control Congress, Copenhagen, 191-196.
- Štefanić, I.**, **Štefanić, E.**, Pavlovič, M. (1996): Economics effect of buckwheat production in eastern Croatia. *Res. Reports Biotechnical Faculty of the University of Ljubljana*, 67, 253-258.
- Knežević, M., Jurić, I., **Štefanić, E.** (1994): Influence of planting date and variety on some characteristics of buckwheat plants in Eastern Croatia. *Fagopyrum* 14, 55-58.
- Knežević, M., **Štefanić, E.**, Đurkić, M. (1993): Utjecaj gnojide i primjene herbicida na korovnu floru u usjevu krumpira na području Istre. *Fragmenta phytomedica et herbologica*, 21, 145-154.
- Skender, A., Knežević, M., Đurkić, M., Pitra, Lj., **Štefanić, E.** (1993): Usporedba nekih značajki korovne flore u okopavinskim kulturama na području Slavonije i Istre. *Znan.prak.poljop.tehnol.* 23, (3), 326-338.
- Baketa, E.**, Knežević, M. (1992): Ekološka analiza staništa korovne zajednice u heljdi na području Slavonije. *Znan.prak.poljop.tehnol.* 22, (1), 1-8.
- Knežević, M., **Baketa, E.** (1992): Efficacy of some herbicides in agrophytocenosis of buckwheat in Slavonia region. *Fagopyrum* 12, 43-47.
- Knežević, M., **Baketa, E.** (1990): Efikasnost nekih herbicida u heljdi. *Znan.prak.poljop.tehnol.* 20 (1-2), 154-164.
- Knežević, M., **Baketa, E.** (1990): Phytocenological characteristics of the buckwheat weed community in north eastern Croatia. *Fagopyrum* 11, 15-18.
- Knežević, M., **Baketa, E.** (1989): Weed control in buckwheat (*Fagopyrum esculentum* Moench) in the region of Slavonia. *Fagopyrum* 9, 49-52.
- Knežević, M., Đurkić, M., **Baketa, E.** (1989): Djelovanje nekih herbicida u samooplodnoj liniji kukuruza. *Nauka u proizvodnji*, 17 (1-4), 61-64.
- Knežević, M., **Baketa, E.**, Đurkić, M., Buljan, V. (1989): Mogućnost primjene nekih herbicida u heljdi (*Fagopyrum esculentum* Moench). *Znan.prak.poljop.tehnol.* 19, (1-2), 25-36.
- Knežević, M., Vukadinović, V., Đurkić, M., **Baketa, E.** (1987): Organska produkcija i elementarni sastav dominantnih korova u agrofitecenozi kukuruza. *Fragmenta herbologica Jugoslavica*, 16 (1-2) 307-316.
- Knežević, M., Đurkić, M., Buljan, V., **Baketa, E.** (1987): Korovna flora u heljdi (*Fagopyrum esculentum* Moench) i mogućnost njezina suzbijanja. *Nauka u proizvodnji*, 15 (1-2), 57-62.

***Former graduate and/or PhD student under my supervision**

Selected conference abstracts:

- Antunović, S., Živković, O., **Štefanić, E.**, Rašić, S., Martić, M., Božić-Ostojić, Lj., Benković-Lačić, T. (2022): The farmers knowledge about legal regulations of plant protection in organic agriculture. 10th International scientific and expert conference, Sept. 21-22, Slavonski Brod, 449.
- Stefanic, E.**, Dimic, D*, Stefanic, I. (2018): Efficacy and Economic of Weed Control in Different Row Spacing in Soybean (*Glycine max*) crop. 18th European Weed Research Society Symposium, June 17-21, Ljubljana, 92.
- Stefanic, E.**, Stefanic, I., Dimic, D*, Sudaric, A., Rasic, S. (2017): The effect of row spacing on weed community in soybean. 52 Croatian and 12 International Symposium on Agriculture, February 12-17, Dubrovnik, 164.
- Stefanic, I., **Stefanic, E.**, Radojcic, N*. (2017): Cost-benefit analysis of ragweed control designed to alleviate allergenic reactions. 52 Croatian and 12 International Symposium on Agriculture, February 12-17, Dubrovnik, 66.
- Kolarova, M., **Stefanic, E.**, Soukup, J. (2013): Are results obtained by different sampling methods comparable? Joint workshop on EWRS working groups, Crete Greece.
- Scalone, R., Kolseth, A.K., **Stefanic, E.**, Andersson, L. (2013): Will photoperiod requirements serve as a barrier to setabishment of *Ambrosia artemisiifolia* in Sweeden? 16th EWRS Symposium, Samsun, Turkey.
- Lyra, D., Kaya, E., **Stefanic, E.**, Economou, G., Kalivas, D. (2013): Impact of environmental and management factors on weed species composition in sunflower fields in Greece, Turkey and Croatia: a comparative approach. 16th EWRS Symposium, Samsun, Turkey.
- Stefanic, E.**, Rasic, S*. (2007): Influence of meteorological parameters on ragweed pollen concentration in Baranja region (Croatia). Symposium of Pan-American Association of Aerobiology, Penn State University, University Park, PA, 8.
- Stefanic, I., **Stefanic, E.** (2007): Comparison of pollen sampling by a new and old model of Hyrst type sampler. Symposium of the Pan- Pan-American Association of Aerobiology, Penn State University, University Park, PA, 11.
- Stefanic, E.**, Stefanic, I., Edjed, A*. (2006): Can we stop the spread of short ragweed (*Ambrosia artemisiifolia* L.) in Croatia? International Symposium Intractable Weeds and Plant Invaders, Ponta Delagda, Azores, Portugal, 17.
- Stefanic, E.**, Merdic, S*. (2006): Invasive plants and their impact in Croatian agriculture. International Symposium Intractable Weeds and Plant Invaders, Ponta Delagda, Azores, Portugal, 21.
- Stefanic, E.**, Kocic, A*, Kovacevic, V. (2003): Ragweed – a noxious weed and a health problem in Croatia. Third European Symposium on Aerobiology, Worcester, UK, 160.
- Dubedout, M., Magnier, G., **Stefanic, E.**, Stefanic, I., Solic, M.E. (2003): Creation of new cultivars of pyrethrum (*Tanacetum cinerariaefolium*) adapted to industrial cultivation in Europe from wild populations collected in Croatia, Serbia and Montenegro. Symposium on Plant Biodiversity: Plants for Future, 11-13.
- Stefanic, E.**, Stefanic, I., Bubalovic, D., Kocic, A*. (2002): Weeded irrigation channels – a potential health hazard. EWRS XI international symposium on Aquatic weeds, 319-321.
- Stefanic, E.**, Stefanic, I., Murdoch, A.J. (2000): Strategy for mechanical weed control in vegetables. Proceedings 13th International IFOAM Scientific Conference, Basel, 28-31.
- Stefanic, I., **Stefanic, E.** (2000): From organic farmers to consumers. Proceedings 13th International IFOAM Scientific Conference, Basel,
- Stefanic, E.**, Stefanic, I., Ranogajec, Lj., Murdoch, A.J., Deze, J. (1999): Seed yield and yield components of bean (*Phaseolus vulgaris* L.) as influenced by weeds. XXXV znanstveni skup hrvatskih agronoma, 202.
- Stefanic, E.**, Stefanic, I., Murdoch, A.J. (1999): The influence of different periods of weediness on yield and quality of field beans in Eastern Croatia. The 1999 Brighton Conference- Weeds, 331-336.
- Štefanić, I., Pitra, Lj., **Štefanić, E.** (1997): Economics of different weed control management along irrigational channels in eastern Croatia. Zbornik predavanj in referatov s 3 Slovenskega posvetovanja o

varstvu rastlin, 393-397.

Štefanić, E. (1997): Weed distribution in potato influenced by fertilization. Zbornik predavanj in referatov s 3 Slovenskega posvetovanja o varstvu rastlin, 357-361.

Štefanić, E., Knežević, M. (1995): Influence of different soil tillage systems on weed communities in maize. 9th EWRS Symposium, Budapest, 195-201.

Books:

Štefanić, E. (2021): Sustainable Weed Management. J.J. Strossmayer University in Osijek, Univeristy text book. ISBN 978-7871-98-7, pp. 203.

Zima, D., **Štefanić, E.**, (2015): Praktikum iz botanike. [Laboratory manual of Botany]. Veleučilište u Požegi, pp. 75.

Brmež, M., Jurković, D., **Štefanić, E.**, Šamota, D., Baličević, R., Ranogajac, Lj. (2010): Najznačajniji štetnici, bolesti i korovi u voćarstvu i vinogradarstvu. [The most important pests, diseases and weeds on orchards and vineyards]. J.J. Strossmayer University in Osijek, supplementary textbook, ISBN 978-953-7243-20-3, pp. 164.

Raspudić, E., Jurković, D., Vrandečić, K., **Štefanić, E.**, Šamota, D., Baličević, R., Rozman, V., Liška, A., Ranogajec, Lj. (2009). Najznačajniji štetnici, bolesti i korovi uuzgoju povrća. [The most important pests, diseases and weeds in vegetable production]. J.J. Strossmayer University in Osijek, supplementary textbook, ISBN 978-953-7243-18-0, pp. 152.

Ćosić, J., Ivezić, M., **Štefanić, E.**, Šamota, D., Kalinović, I., Rozman, V., Liška, A., Ranogajec, Lj. (2008): Najznačajniji štetnici, bolesti i korovi uratarskoj proizvodnji. [The most important pests, diseases and weeds in crop production]. J.J. Strossmayer University in Osijek, supplementary textbook, ISBN 978-953-7243-13-5. pp. 155.

Štefanić, E. (2005): Priručnik za vježbe iz Opće botanike [A guide to laboratory study in general botany]. Univeristy supplementary textbook, pp. 88.