CURRICULUM VITAE

1. **Family name:** **Topalović**

2. **First name:** **Ana**

3. **Date of birth:** **23.08.1975.**

4. **Nationality:** **Montenegrin**

5. **Civil status:** **Single**

6. **Contact details (address, e-mail, telephone)**: Bratstva jedinstva, VII ¾, 81000 Podgorica, Montenegro anato@ac.me, 069 306 320

7. **Education:**

Institution [Date from - Date to]	Degree(s) or Diploma(s) obtained:
University of Montenegro, Faculty of Technology 1994-2000	Graduated engineer of chemical technology
University of Belgrade, Faculty of Chemistry 2000-2006	Master of Chemical Science
University of Belgrade, Faculty of Chemistry 2006-2012	Doctor of Chemical Science

8. **Language skills:** Indicate competence on a scale of 1 to 5 (1 - excellent; 5 - basic)

Language	Reading	Speaking	Writing
English	1	2	1

9. **Membership:** American Chemical Society, Editorial board of the journal "Agriculture and Forestry"

10. **Other skills:** Microsoft Office, AutoCAD, Adobe Photoshop, SPSS

11. **Present position:** Senior researcher and assistant in education of students on courses of Chemistry, Agrochemistry and Biochemistry

12. **Name of institution/firm/organization:** Biotechnical Faculty

13. **Years within the institution/firm/organisation:** **14 years**

14. **Key qualifications:**

- 14 years working experience
- Dealing with soil chemistry and agrochemistry
- Experience in modern analytical techniques
- Project formulation; coordination, monitoring, evaluation and administration of project activities

- Experience in holding positions of responsibility and excellent leaderships and management skills

15. **Specific experience:** Short specializations/trainings in Agrochemistry

Country	Date from - Date to
CIHEAM-IAMB, Italy	Jun-July 2002
IAEA, Austria	September-November 2005
BFL, Slovenia	March-April 2007

Annex 6

16. **Professional experience**

Date from - Date to	Location	Company	Position	Name of project
2012-	Podgorica	Biotechnical Faculty	High Research Assistant	**INGAF –** Investigation of the effect of irrigation and fertilization on antioxidant activity and phenolic content of fruits
2010-2011	Podgorica	Biotechnical Faculty	High Research Assistant	**Advanced algorithms for control of soil fertility**
2008-2011	Podgorica	Biotechnical Faculty	High Research Assistant	**Study the influence of foliar nutrition on the content of polyphenolic compounds during the ripening grapes of table grape varieties in Podgorica vineyards**
2008	Podgorica	WWF	Professional consultant	**Study on water regime of river Moraca and Skadar Lake.** Objectives of the study is to understand - the flow regime of Moraca River and tributaries and the connection with water regime in Skadar Lake with its seasonal variations, - water quality of Moraca and Skadar Lake - connection between water regime in Moraca and Skadar Lake wetlands, - impact of planned dams on water regime of Moraca and Skadar Lake
2005-2007	Ulcinj	Biotechnical Institute	High Research Assistant	**Research of nonparasitic (physiological) diseases of citruses** – Research of fertilisation, giving of recommendation for application doses to farmers in Ulcinjsko Field with emphasis on environmental protection
2002-2006	Podgorica	Biotechnical Institute	High Research Assistant	**Identification of chemical nature of available phosphorus in soil of Cemovsko Field** – Investigation of fraction of available phosphorus in calcareous soil in term of fertilsation practice

2001-2011	Podgorica	Biotechnical Institute	High Research Assistant	**System control of soil fertility of Cemovsko Field under vineyard and peach** - Research of fertilisation, giving of recommendation for application doses to “Plantaze Company” with emphasis on environmental protection
2001-2004	International project Podgorica Heidelberg Shkoder	Biotechnical Institute	Research Assistant	**EULIMNOS – Integrated Monitoring of Skadar Lake**, University of Heidelberg, University of Montenegro, University of Shkodra - Classification of Skadar/Shkoder Lake using a high resolution approach to environmental quality standards in order to obtain a data basis for statistical approaches and geographic information systems (GIS)

17. **Other relevant information (selected papers)**

K 2.4.

2. Topalović Ana, Knežević Mirko, Vajs Vlatka (2013): Total phenolics and antioxidants from fruits and vegetables: Evaluation of daily intake. Poljoprivreda i šumarstvo (59. 1: 143-154).

K 3.1.

3. Ana Topalović, Ana Slatnar, Franci Štampar, Mirko Knežević, Robert Veberič, "Influence of foliar fertilization with P and K on chemical constituents of grapes cv. 'Cardinal'," *Journal of Agricultural and Food Chemistry* (ISSN:0021-8561), Volume , Issue , Aug. 2011, Page(s)

K 3.2.

4. Topalović A., Pfendt L., Perović N., Đorđević D., Trifunović S., Pfendt P. (2006): The chemical characteristics of soil which determine phosphorus partitioning in highly calcareous soils, *Journal of the Serbian Chemical Society,* 71 (11), 1219-1236.
5. Topalović A., Mikulič-Petkovšek, M. (2010): Changes in sugars, organic acids and phenolics of grape berries of cultivar 'Cardinal' during ripening, *Journal of Food, Agriculture & Environment,* 8 (3&4) 223-227.
6. Topalović A., Gođevac D., Perović N., Trifunović S. (2012): Comparative study of the phenolic composition of seeds from grapes cv. Cardinal and Alphonse Lavallee during last month of ripening, *Italian Journal of Food Science*, 24, 159-166.

K. 3.3.

7. Topalović Ana and Knežević Mirko: Status of nutrients in vineyards of Ćemovsko polje (Montenegro), *Zemljište i biljka*, 2014 (in press).
8. Topalović Ana, Pfendt Petar, Perović Natalija and Knežević Mirko**:** „Status of Pb and Cu in the calcareous soils of Ćemovsko Field“ *Zemljište i biljka* Vol. 60, No 1, 2011 p.75-84, ISSN 0514-6658, COBISS.SR-ID 338701
9. Topalović Ana, Pfendt Petar, Knežević Mirko i Perović Natalija: „Aplication of multivare statistical analysis for the estimation of the phosphorus status in calcareous soil*“ Natura Montenegrina*, No 9/2010, (2010), p. 951-956, ISSN 1451-5776 CD-Rom edition
10. Topalović Ana, Perović Natalija i Knežević Mirko: The application of infrared spectroscopy in the identification of minerals in the soil Ćemovsko fields. - Agriculture and Forestry, Vol. 49, no. 1-2 (2003), p. 17-27, YU ISSN 0554-5579
11. Topalović Ana, Perović Natalija and Knežević Mirko: Association of phosphorus and metals in calcareous soil Ćemovsko fields. - Agriculture and Forestry, Vol. 49, no. 3-4 (2003), p. 29-40, YU ISSN 0554-5579
12. Topalović, A. (2004): Phosphorus in the calcareous soil of Ćemovsko polje, Natura Montenegrina, 3, 139-147.

13. Topalović, A., Pfendt P., Perović, N., Pfendt L. (2005): Soil phosphorus: Mechanisms of its release into soil solution and its uptake by plant, Glasnik odjeljenja prirodnih nauka, CANU, 16, 99-114.
14. Topalović A., Mikulič-Petkovšek M., Perović N., Trifunović S., Knežević M. (2012): Phenolic composition of the leaf of grapevine cv. 'Cardinal', Agriculture & Forestry, 52 (06), 1-4, 5-15.
15. Knežević M., Perović N., Životić Lj., Ivanov M., Topalović A. (2012): Simulation of silage-maize water balance with CROPWAT and ISAREG models, Agriculture & Forestry, 56. (10) (1-4): 5-17.
16. Knežević M., Perović N., Životić Lj., Ivanov M., Topalović A. (2012): Simulation of winter wheat water balance with CROPWAT and ISAREG models, Agriculture & Forestry, (59. (1): 41-52.).

K 5.2.

17. Fuštić B., Topalović Ana i Knežević N. M. (2005): Soils of Montenegro as a resource for sustainable development; XI Congress of the Society for the study of soil Serbia and Montenegro - Soil as a resource for sustainable development, plenary papers and abstracts, Budva, p.3-17, ISBN 86-7664-047-5, COBISS.CG-ID 9457424

K 6.1.

Topalović Ana (2012): Effect of foliar nutrition on the chemical composition of some secondary metabolites of grapes, Faculty of Chemistry, Belgrade.

K.6.2.

18. Topalović Ana (2006): Chemical speciation of phosphate in calcareous soils, Faculty of Chemistry, Belgrade

K.9.4.

19. University of Montenegro, Biotechnical Faculty - Agricultural Institute of Slovenia, the bilateral project - Advanced algorithms for control of soil fertility