

PERSONAL INFORMATION

Kunigunda Macalik

59. Baia Mare Street, Cluj-Napoca, 400171, Romania

+40735407010

kmacalik@gmail.com

Sex female | Date of birth 10/03/1971 | Nationality Romanian

WORK EXPERIENCE

01.10 2013 – present

Research assistant „Babeş-Bolyai” University, Cluj-Napoca, 1 Kogălniceanu Street., 400084

Project IDEI: CNCS – UEFISCDI, nr. PN-II-ID-PCE-2012-4-0595

Research

Plant ecology, phylogeographical and phylogenetical aspects of endemic vascular plant species from the Carpathian Mountains

2014-present

Botanist expert in the project “The Management Plan of protected areas: ROSPA0067, ROSPA0103, ROSPA0113, ROSPA0126, ROSPA0142, ROSPA0144 SI ROSCI0390”

Elaboration of research project concerning the area of protected vascular plants of community interest, habitat mapping

Ocellus S.R.L., 11 Principală Street, Băgara, Aghireş, Cluj county, 400007, Romania

Research, Conservation

2010-2013

Assistant, „Babeş-Bolyai” University, Cluj-Napoca, 1 Kogălniceanu Street., 400084

Labworks of Hidrobiology, General Ecology, Community Ecology, Wetland Conservation and Management

Research and Education

**2002-2010 (with
discontinuation (2003-2005,
2005-2007, 2008-2010
maternity leaves)**

Lecturer, „Babeş-Bolyai” University, Cluj-Napoca, 1 Kogălniceanu Street., 400084

Hidrobiology, General Ecology, Community Ecology, Wetland Conservation and Management courses, labworks and seminars

Research and Education

1998-2002

Assistant, „Babeş-Bolyai” University, Cluj-Napoca, 1 Kogălniceanu Street., 400084

Labworks of Hidrobiology, General Ecology, Genetics and Human Ecology

Research and Education

1995-1998

Tutor, „Babeş-Bolyai” University, Cluj-Napoca, 1 Kogălniceanu Street., 400084

Labworks of Hidrobiology, General Ecology, Genetics and Human Ecology

Research and Education

EDUCATION AND TRAINING

- 2012-present** PhD student
"Babeş-Bolyai" University, Cluj-Napoca, Integrative Biology Doctoral School,
supervisor: prof.dr. Octavian Popescu
- 1996-1999** PhD student University of Debrecen, Hungary, Aquatic Ecology Doctoral School, supervisor:
dr. Dévai György
- 1990-1995** MSc in Biology
„Babeş- Bolyai” University, Cluj-Napoca, Faculty of Biology-Geography-Geology, Section
Biology
- 1985-1989** High School Diploma
Mathematical-Physical Highschool nr. 3, Cluj-Napoca

PERSONAL SKILLS

Mother tongue(s) Hungarian

Other language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
Romanian	C2	C2	C2	C2	C1
Replace with name of language certificate. Enter level if known.					
English	C1	C2	C2	C1	B2
Replace with name of language certificate. Enter level if known.					

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user
Common European Framework of Reference for Languages

Communication skills Excellent communication skills and team-spirit gained through my experience as member of multidisciplinary teams on field-works.

Organisational / managerial skills Excellent organizational skills gained through field works with students.

Job-related skills The use of water quality measurement equipment gained through research work in this domain, use of molecular biology lab-equipment– as research assistant.

Computer skills Good command of Microsoft Office tools (Word, Excel, Access, Power Point), processing of statistical data.

Other skills SCUBA diver, license NAUI (National Association of Underwater Instructors), 1998

Driving licence Driving licence B category from 1992

ADDITIONAL INFORMATION

Memberships Founder member of the “Apathy Isvtan” Society from 1992
 Member of The International Biogeography Society from 2014
 Member in the organizer team of “Theoretical and Practical Aspects of Ecological Water Qualification”, Conference, Debrecen, Hungary, 15–16.04.1999

Participating in the following
 research projects.

Country	Period	Position	Name of the project
Romania	2014-present	Expert	”Managementul ariilor protejate: ROSPA0067, ROSPA0103, ROSPA0113, ROSPA0126, ROSPA0142, ROSPA0144 SI ROSCI0390”
Romania	2013-present	Research assistant	Relics, witnesses of complex evolutionary history in the Carpathian ecosystems:connecting past with the future (IDEI: CNCS – UEFISCDI, nr. PN-II-ID-PCE-2012-4-0595)
Romania	2012-2013	Expert	„Plan de management și campanie de informare, educare și conștientizare pentru Situl Natura 2000 Bazinul Ciucului de Jos ROSCI0007”
Romania	2011-2013	Expert	„Planificarea participativa a managementului ariilor naturale protejate de pe cursul inferior al râului TUR - ECOTUR 2011-2013”
Hungary	2004-2005	Expert	Ecological Survey of Surface Waters, Hungary (PHARE project)
Romania	2000-2003	Expert	Investigation of the Risk of Cyanide in Gold Leaching on Health and Environment in Central Asia and Central Europe - Estimation of the rivers ecosystem damage, pathways of pollutants into the life cycle and into the food chain (Inco Copernicus Project)
Romania	1999-2001	Expert	Investigation of the Natural Resources of the Mureș River for Sustainable Development (Research Support Scheme of the Open Society Support Foundation Praga, Czech Republic)
Hungary	1997–2000	expert	Follow up the sesonal ecological changes in the astatic small ponds in the Nyírség region. (financed by Hungarian National Scientific Research Fund)
Hungary	1997	expert	Ecological status-survey of the deadarm of Körös at Peres selected as a sampling site. (Ministry for Environment and Water Management)
Hungary	1997	expert	Rehabilitation of the Nagy-Morotva deadarm belonging to administrative area of Rakamaz and Tiszanagyfalu settlements. Ecological research and impact assessment on the influence of the technological intervention planned. Planning of the biomonitoring. (Ministry for Environment and Water Management)
Hungary	1997	expert	Completing the detailed monitoring plan and launch the monitoring at the Nagy-Morotva deadarm (in the waterbody, at the riverside too) in connection with the „Rehabilitation study of Nagy-Morotva deadarm belonging to administrative area of Rakamaz and Tiszanagyfalu settlements” elaborated by the Upper-Tisza Water Authority. (Ministry for Environment and Water Management)
Hungary	1997	expert	Ecological status-survey and classification of a Tisza River-deadarm at Boroszló-kert chosen as a sample, in order to elaborating the preliminary rules of the rehabilitation program on the Tisza-valley back-warers (Ministry for Environment and Water

			Management)
Hungary	1997	expert	Ecological status-survey of the Tisza River-deadarm at Boroszló-kert. (Ministry for Environment and Water Management)
Hungary	1997	expert	Ecological status-survey and classification of two protected deadarms of the Tisza-lake (Csapó-deadarm and the Óhalászi-deadarm) in order to judge the changes connected with the succession of species groups. (Ministry for Environment and Water Management)
Hungary	1996	expert	A model demonstration of planning and construction of ecological water-research on the deadarm of the Tisza River at Boroszló-kert as an example (Ministry for Environment and Water Management financed)
Romania, Hungary	1996	expert	Ecological study of the Somes River Valley (financed by Pro Europa League, Targu-Mures, Romania and Tisza Klub, Szolnok, Hungary)
Romania, Hungary	1994-1995	expert	Ecological study of the Cris Rivers Valleys (financed by Pro Europa League, Targu-Mures, Romania and Tisza Klub, Szolnok, Hungary)

23.09.2014

Annex 1 – List of Publications

Bartha, L., **Macalik, K.**, Keresztes, L., 2014: Molecular Evidence for the Hybrid Origin of *Hepatica transsilvanica* (Ranunculaceae) Based on Nuclear Gene Sequences, *Studia UBB Biologia*, LIX, 1, 55-62

Macalik, K., Tamás, R., Kolcsár, L.P., Keresztes, L., 2013: Present status of the *Syringa josikaea* Jacq. Ex Rchb., an endemic species which contributes to the diversity of the flora of the Carpathians, *Studia UBB Biologia*, LVIII, 2, 31-40

SárányKiss E., Fodorpataki, L., **Macalik, K.**, Telcean, I., Bálint, M., Braun, M., Papp, J., Hamar, J., 2012: The ecological state of the Upper Tisa and the Transylvanian tributaries of the Tisa river – based on characteristics of the physico-chemical parameters, the flora and fauna. *Acta. Biol. Debr.Oecol. Hung.* 27

Macalik, K., 2011: Növényritkaságok Szenéte környékéről. In: A Gyergyói-medence: egy mozaikos táj természeti értékei, Sárány-Kiss, E., Markó B., Edits., Apáthy Könyvek, Presa Universitară Clujeană / Kolozsvári Egyetemi Kiadó, Cluj, 25-36.

Csatári G., **Macalik, K.**, 2010: Makrofita állományok összehasonlító vizsgálata Kolozs megye halastavain, *Acta Scientiarum Transylvanica*, 18/1, 38-65.

Cordoş, E., Raţiu, R., Roman, C., Ponta, M., Frenţiu, T., Sárány-Kiss, A., Fodorpataki, L., **Macalik, K.**, McCormick, C., Wiess, D., 2003, Characterization of the rivers system in the mining and industrial area of Baia Mare, Romania – The European Journal of Mineral Processing and Environmental Protection. Vol.3. No.3.

Macalik, K., 2003: Ökológiai vízminősítés az erdélyi folyók egyes szakaszain a makrofiták és a benton alapján – Erdély folyóinak természeti állapota, Ujvárosi Lujza, Ed., Scientia Kiadó, Kolozsvár: 65-105

Margóczy K., Drăgulescu C., **Macalik K.** and, Makra O., 2002, Vegetation description of representative habitat complexes along the Maros (Mureş) River
TISCIA monograph series **6**, 45–50

Tóth, A., Lakatos, Gy., Kiss, B., Müller, Z., **Macalik, K.**, Braun, M., 2001, Environmental heterogeneity and biodiversity in created wetlands in Hungary, p. 151-154, In: Field, R., Warren, R.J., Okarma, H., Sievert, P.R., editors. *Wildlife, land and people: priorities for the 21st century*. Proceedings of the Second International Wildlife Management Congress. The Wildlife Society, Bethesda, Maryland, USA

Margóczy, K., Drăgulescu, C., **Macalik, K.**, 2000, Vegetation description of representative habitat complexes along the (Maros) Mureş River I. The upper section (Vasláb/Voşlobeni), *Ecology of River Valleys – Tiscia Monograph Series*, Szeged, 23-29.

Sárány-Kiss, A., **Macalik, K.**, 1999, The ecological state of the Eastern-tributaries of the Tisa River – based on characteristics of the physico-chemical parameters, the flora and fauna. *Cooperation in Long Term Ecological Research in Central and Eastern Europe (Proceedings of the ILTER Regional Workshop June, 1999)*, Lajtha, K. and Vanderbilt, K. eds., Budapest, 97-100.

Sárkány-Kiss, A., **Macalik, K.**, 1999, Bioaccumulation of certain toxic metals by fish and unionidae shells in River Someş/Szamos. The Someş/Szamos River Valley, Tiscia monograph series, Sárkány-Kiss, A. & Hamar, J. edits., Szolnok-Szeged-Tg.Mureş, 269-273.

Sárkány-Kiss, A., **Macalik, K.**, 1999, Conclusions of the Someş/Szamos rivers` researches. The Someş/Szamos River Valley, Tiscia monograph series, Sárkány-Kiss, A. & Hamar, J. edits., Szolnok-Szeged-Tg.Mureş, 343-347.

Drăgulescu, C., **Macalik, K.**, 1999, The aquatic and paludal flora and vegetation from the River Someş/Szamos Valleys, The Someş/Szamos River Valley, Tiscia monograph series, Sárkány-Kiss, A. & Hamar, J. edits., Szolnok-Szeged-Tg.Mureş, 77-104.

Dévai, Gy., ..., **Macalik, K.** et al., 1999, Ecological water quality of the backwater Boroszló-kerti-Holt-Tisza, Acta. Biol. Debr. Oecol. Hung. 10/1, Debrecen., 13-216.

Sárkány-Kiss, A., Sîrbu, I., **Macalik, K.**, Drăgulescu, C., A Körösök természeti állapota / Starea naturală a Crişurilor In: Sárkány-Kiss, A., Sîrbu, I., Kalivoda, B. (Eds.), 1999, A Körös-Medence folyóvölgyeinek ökológiai állapota / Starea naturală a văilor din Bazinul Crişurilor, Szolnok - Târgu-Mureş, 136-276.

Macalik, K., 1999: Szelek szárnyán vizek hátán – Behurcolt növények a Körösök mentén, In: A Körös-medence folyóvölgyeinek természeti állapota / Starea naturală a văilor din Bazinul Crişurilor, Sárkány-Kiss, E., Sîrbu, I., Kalivoda, B. (Eds.) – Fluvii Carpatorum, Szolnok-Szeged-Târgu Mureş

Drăgulescu, C., **Macalik, K.**, 1997: The aquatic and paludal flora and vegetation from the Criş/Körös Valleys - The Criş/Körös Rivers' Valleys (A study of the geography, hydrobiology and ecology of the river system and its environment), Tiscia Monograph Series, Szolnok-Szeged-Târgu Mureş, 47-80.

Sárkány-Kiss, E., **Macalik, K.**, 1997: Ecological condition and the recommended Red List of the Criş/Körös river system - The Criş/Körös Rivers' Valleys (A study of the geography, hydrobiology and ecology of the river system and its environment), Tiscia Monograph Series, Szolnok-Szeged-Târgu Mureş, 381-395.

Drăgulescu, C., **Macalik, K.**, 1995-1996, Vegetația ruderală din interfluviul Crişul Alb - Crişul Negru, Contribuții Botanice, Cluj-Napoca, 9-13.

Drăgulescu, C., **Macalik, K.**, 1995: Caracterele fitocenologice ale Văii Crişului Negru - Comunicări și Referate, Muzeul de Științele Naturii Ploiești, 139-146