|  | **Name of the project** | **Project ID** | **Participating institutions** | **Role of UNSPMF in the project**  | **Project coordinator at UNSPMF** | **Type o project****(Programme)** | **Duration** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 1 | The transfer of engineered nanomaterials from wastewater treatment & stormwater to rivers | COST Action ES1205 | Federal Institute of Hydrology, Koblenz, Germany and others | partner | Jelena Tričković (DH)  | COST Action | 2013 | 2017 |
| 2 | European Information System for Alien Species domen | COST Action TD:1209  | Natural Environment Research Council- United Kingdom and others | partner | Zorica Svirčev(DBE)  | COST Action | 2013 | 2017 |
| 3 | Origins and evolution of life on Earth and in the Universe (ORIGINS)  | COST Action TD1308 | Laboratoire d'Astrophysique de Bordeaux, FLOIRAC , FRANCE and over 20 other partner institutions | partner | Zorica Svirčev(DBE) | COST Action | 2014 | 2018 |
| 4 | Development of a European network for preclinical testing of interventions in mouse models of age and age-related diseases (MouseAGE) | COST Action BM1402 | Max Planck Institute of Psychiatry and others | partner | Tatjana Kostić(DBE)  | COST Action | 2014 | 2018 |
| 5 | Development of combined therapies with bacteriophages and chemical agents in A.bamanni biofilm control |  | University of Novi Sad Faculty of Sciences University of Minho, Centre of Biological Engineering | coordinator  | Petar Knežević(DBE) | Bilateral Cooperation between Portugal and Serbia | 2015 | 2017 |
| 6 | European Information System for Alien Species, UK | COST TD1209 | NERC Centre for Ecology & Hydrology, Wallingford, UK and over 20 other partner institutions | partner | Snežana Radulović | COST Action | 2013 | 2017 |
| 7 | Education of Modern Analytical and Bioanalytical Methods | CEEPUS CZ-202 | University of Pardubice and others. | partner | Valerija Gužvanj(DH) | CEEPUSIII | 2011 | 2017 |
| 8 | GEOREGNET Geography and Regional Development | CIII-SI-0111-11-1617 | GEOREGNET network was established in 2006 by four universities: the University of Maribor (SI),the Palacký University in Olomouc (CZ), the University of Prešov (SK) and the University of Zagreb(CRO); Other partners joined over the years. Partnership web site: https://www.ceepus.info/public/network/network.aspx#nbb | partner | Miroslav Vujičić(DGTH) | CEEPUSIII | 2006 | - |
| 9 | Mutual Solubility of Rare Earth Metal (Sc, Y, Lanthanides) Bromides in Molten Alkali Bromides |  | Ecole polytechnique, Marseille, France; Institute of Inorganic Chemistry, Wroclaw, Poland | partner | Slobodan Gadžurić(DH) | IUPAC Solubility and Equilibrium Data | 2013 | 2017 |
| 10 | Exchange on Ionic Liquids  | COST CM-1206 | Technical University of Denmark (DTU), Chemical Institute, Lyngby, Denmark and others  | partner | Slobodan Gadžurić(DH) | COST Action | 2014 | 2018 |
| 11 | New and emerging challenges and opportunities in wastewater reuse (NEREUS) | COST Akcija NEREUS ЕС1403 | Department of Civil and Environmental Engineering, NIREAS-International Water Research Center, School of Engineering University of Cyprus and others | partner | Ivana Ivančev-Tumbas(DH) | COST Action | 2014 | 2018 |
| 12 | - The European Network on Integrating Vision and Language (iV&L Net) | ICT COST Action IC1307 | University of Brighton, Great Britain and others | partner | Mirjana Ivanović(DMI) | COST Action | 2014 | 2018 |
| 13 | Runtime Verification beyond Monitoring (ARVI) | ICT COST Action IC1402 | University of Lübeck, Germany and others | partner | Zoran Budimac(DMI) | COST Action | 2014 | 2018 |
| 14 | Innovative teaching curricula, methods and infrastructures for computer science and software engineering | Project no. 160480 | Facoltà di scienze informatiche, Università della Svizzera italiana, Lugano, Switzerland Università della Svizzera italiana Lugano, University of Novi Sad (UNS), Slovak University of Technology in Bratislava (STUBA) | partner | Mirjana Ivanović(DMI) | SCOPES | 2015 | 2018 |
| 15 | Developing Capacity for High-Productivity Large-Scale Computing | IZ74Z0\_160453/1 | Ecole Polytechnique Federale de Lausanne | partner | Srđan Škrbić(DMI) | SCOPES | 2015 | 2018 |
| 16 | Chemical Elements as Tracers of the Evolution of the Cosmos | COST OC-2016-1-20829 | University of Novi Sad Faculty of Sciences (UNSPMF) | coordinator for Serbia | Tijana Prodanović(DF) | COST | 2016 | 2020 |
| 17 | Ispitivanje delovanja nano čestica u cilju povećanja otpornosti na vodni stres sorte Vranac na različitim loznim podlogama |  | UNSPMF and "July 13 Plantations" AD, Podgorica  | coordinator fro Serbia | Milan BORIŠEV(DBE) | Bilateral Cooperation Serbia and Montenegro  | 2106 | 2018 |
| 18 | Frakcioni i celular- automata modeli talasnog kretanja: Analiza, sinteza i primena |  | UNSPMF and Faculty of Information Systems and Technologies, Podgorica | coordinator fro Serbia | Sanja KONJIK(DMI) | Bilateral Cooperation Serbia and Montenegro | 2106 | 2018 |
| 19 | InnoHPC - High-performance Computing for Effective Innovation in the Danube Region http://www.interreg-danube.eu/approved-projects/innohpc | INTERREG DANUBE TRANSNATIONAL PROGRAMME  | http://www.interreg-danube.eu/approved-projects/innohpc/partners | partner | Srđan Škrbić(DMI) | INTERREG DANUBE TRANSNATIONAL PROGRAMME | 2016 | 2019 |
| 20 | Development of structural methods to the study of pharmacologically active enzymes/Развој метода за проучавање структуре фармаколошки активних једињења | DS-2016-0050 Broj MPNTR: 337-00-00136/2016-09/28 | 1. Slovak Academy of Sciences, Institute of Molecular Biology 2. Institute of Organic Chemistry and Biochemistry, The Czech Academy of Sciences3. University of Novi Sad Faculty of Sciences, Department of Biology and Ecology  | partner | Edward Petri (DBE) | Multilateral Scientific and Technological Cooperation among countries in the Danube Region | 2017 | 2018 |
| 21 | Time-frequency methods for operators and function spaces | DS-2016-0028 Broj MPNTR: 337-00-00136/2016-09/31 | 1. Pavol Jozef Safarik University in Kosice - Faculty of Science 2. Faculty of Mathematics and Physics, Charles University 3. Faculty of Mathematics, University Vienna 4. University of Novi Sad Faculty of Sciences Department of Mathematics and Informatics  | partner | Nenad Teofanov(DMI) | Multilateral Scientific and Technological Cooperation among countries in the Danube Region | 2017 | 2018 |
| 22 | Physical properties of glasses designed for applications in infrared region of spectrum and memory devices | No MPNTR: 337-00-00136/2016-09/43DS-2016-0038 | 1. Slovak University of Technology in Bratislava - Faculty of Materials Science and Technology in Trnava, 2. Institute of Rock Structure and Mechanics, Czech Academy of Sciences, 3. Institute of Rock Structure and Mechanics of the ASCR, Faculty of Sciences, 4. University of Novi Sad Faculty of Sciences  | partner | Svetlana Lukić Petrović (DF) | Multilateral Scientific and Technological Cooperation among countries in the Danube Region | 2017 | 2018 |
| 23 | Strengthening Capacities for Tourism Changes inWB – Building Competences for QualityManagement of Heritage and Cultural Tourism CULTURWB  | 574193-EPP-1-2016-RS-EPPKA2-CBHE-JP | Coordinator: University of Novi Sad (Faculty of Sciences) and 12 other partners: 2. FH JOANNEUM GESELLSCHAFT M.B.H. (AT)3. HOCHSCHULE HEILBRONN (DE)4. JAVNA USTANOVA UNIVERZITET CRNE GORE PODGORICA (ME)5. POKRAJINSKI ZAVOD ZA ZASTITU SPOMENIKA KULTURE NOVI SAD (RS)6. SARAJEVO SUSRET KULTURA (BA)7. STICHTING NHTV INTERNATIONALE HOGESCHOOL BREDA (NL)8. TOURISM ORGANIZATION OF KOTOR MUNCIPALITY (ME)9. UNIVERZITET DZEMAL BIJEDIC U MOSTARU SA SUPSIDIJARNOMODGOVORNOSCU SASJEDISTEM U MOSTARU (BA)10. UNIVERZITET U BANJOJ LUCI (BA)11. UNIVERZITET U ISTOCNOM SARAJEVU (BA)12. UNIVERZITET U NISU (RS)13. WORLD UNIVERSITY SERVICE-OSTERREICHISCHES KOMITEE VEREIN (AT) | Lead Partner  | Tatjana Pivac(DGTH) | Erasmus Plus Key Action 2 Capacity Building in Higher Education  | 2016 | 2019 |
| 24 | COolest Of Labs Hottest Of Theories COOLand HOT | 722945 | University of Novi Sad Faculty of Technical Sciences and others  | partner | Tijana Prodanović (DF) | HORIZON 2020 H2020-MSCA-NIGHT-2016 Researchers’ Night  | 2015 | 2017 |
| 25 | Solutions of Stochastic Equations Involving Differential and Pseudodifferential Operators inAlgebras of Generalized Stohastic Processes | 451-03-01039/2015-09/26 | University of Novi Sad Faculty of Sciences | partner | Dora Seleši(DMI) | Bilateral Cooperation  | 2016 | 2017 |
| 26 | Varijacioni račun, optimizacija i primeneVROP |  | University of Novi Sad Faculty of Sciences | partner | Nataša Krejić(DMI) | Bilateral Cooperation between Croatia and Serbia | 2016 | 2017 |
| 27 | Optimizacija metoda merenja radioaktivnosti (3H, 14C, 90Sr, 222Rn) u uzorcima iz životne sredine |  | University of Novi Sad Faculty of Sciences | partner | Jovana Nikolov(DF) | Bilateral Cooperation between Croatia and Serbia | 2016 | 2017 |
| 28 | Diverzitet vegetacije vlažnih livada u odnosu na klimatski gradijent duž južnog oboda Panonske nizije |  | University of Novi Sad Faculty of Sciences | partner | Ružica Igić(DBE) | Bilateral Cooperation between Croatia and Serbia | 2016 | 2017 |
| 29 | "Microlocal analysis, partial differential equations and applications to Heterogeneous materials (MLAHetMat)" MAPD |  | University of Novi Sad Faculty of Sciences | partner | Stevan Pilipović (DMI) | Bilateral Cooperation between Croatia and Serbia | 2016 | 2017 |
| 30 | Solutions for present and future emerging pollutants in land and water resources managementAcronym: SOLUTIONS | 603437 | http://cordis.europa.eu/project/rcn/110817\_en.html | partner  | Ivana Teodorović (DBE) | FP7 Collaborative Project  | 2013 | 2018 |
| 31 | Identification of key factors governing Ambrosia pollen emission by field experiments and their implementation in the numerical pollen dispersionmodel (COSMO-ART) | IZ73Z0\_152348/1 | Eidgenössisches Departement des Innern (EDI) Bundesamt für Meteorologie und Klimatologie MeteoSchweiz, Numerische Vorhersagen Analyse und Prognose - Zürich MeteoSchweizUniversity of Novi Sad Faculty of Sciences  | partner | Branko Šikoparija (DBE) | SCOPES 2013-2016; funded by Swiss National Science Foundation (SNSF) | 2014 | 2017 |
| 32 | Identification and characterization ofcyanobacterial toxins based on their interaction with basic cellular detoxification systems inzebrafish (Danio rerio) and zooplankton (Daphnia magna) | IZ73Z0\_152274/1 | Fachhochschule Nordwestschweiz Hochschule für Life Sciences, University of Novi Sad Faculty of Sciences and others | partner | Jelica Simeunović(DBE) | SCOPES 2013-2016; funded by Swiss National Science Foundation (SNSF) | 2014 | 2017 |
| 33 | Responsiveness of Mitogen-Activated ProteinKinase on chemical exposure of human and fish cells | IZ73Z0\_152743/1 | Umwelttoxikologie EAWAG, University of Novi Sad Faculty of Sciences and others  | partner | Nebojša Andrić(DBE) | SCOPES 2013-2016; funded by Swiss National Science Foundation (SNSF) | 2014 | 2017 |
| 34 | Insect-plant relationships: insights into biodiversity and new applications Acronym: FlyHigh | 645636 | 1. Coordinator: HELSINGIN YLIOPISTO (HELSINGIN YLIOPISTO), Finland 2. University of Novi Sad Faculty of Sciences (UNSPMF ) 3. BIOFLYTECH, SL (BIOFLYTECH), Spain  4. UNIVERSIDAD DE ALICANTE (UNIVERSIDAD DE ALICANTE), Spain | partner | Ante Vujić (DBE) | HORIZON 2020 MSCA-RISE-2014: Marie Skłodowska-CurieResearch and Innovation Staff Exchange (RISE) | 01/07/2015 | 30/06/2018 |
| 35 | Real-time measurements andforecasting for successfulprevention and management ofseasonal allergies in Croatia Serbia cross-border region Acronym: RealForAll | HR-RS151 | Lead Partner: BioSensе Institute - ResearchInstitute for Information Technologies in Biosystems PP2 - University of Osijek (HR),PP3 - University of Novi Sad,Faculty of Sciences (RS),PP4 - City of Osijek (HR) | partner | Nataša Krejić (DMI) | IPA CBC Programme Croatia – Serbia 2014-2020 1st call for proposals  | 2017 | 2020 |
| **36** | **ICT Networking for Overcoming Technical and Social Barriers in Instrumental Analytical Chemistry education** **Acronym: NetChem** |  | **Partner 1 – University of Niš****Partner 2 – Universite Pierre et Marie Curie****Partner 3 – University of Greenwich****Partner 4 – Brno University of Technology****Partner 5 – CEA****Partner 6 – University of Belgrade****Partner 7 – University of Novi Sad (PMF)** **Partner 8 – University of Kragujevac****Partner 9 – Agricultural University of Tirana****Partner 10 – University of Tirana****Partner 11 – Analysis d.o.o.**[**Partner 12 – Enološka stanica Vršac**](http://www.netchem.ac.rs/about-project/project-partners#enoloska_stanica_vrsac)[**Partner 13 – Zlatiborac**](http://www.netchem.ac.rs/about-project/project-partners#zlatiborac) **Partner 14 – Thermo Scientific** | Partner  | Ivana Ivančev Tumbas(DH) | Programme: **Erasmus+**Sub-programme: **Cooperation for innovation and the exchange of good practices**Action: **Capacity Building in higher education** | 2016 | 2019 |
| 37 | Improvement of drought and excess water monitoring for supporting water management and mitigation of risks related to extreme weather conditions Acronym WATERatRISK | HUSRB/1602/11/0057 | betweenLead Beneficiary: University of Szeged (Szegedi Tudományegyetem), H-6720 Szeged, Dugonics tér 13, Hungary andBeneficiary 1: Lower-Tisza-District Water Directorate (Alsó-Tisza vidéki Vízügyi Igazgatóság), H-6720 Szeged, Stefánia 4, HungaryBeneficiary 2: University of Novi Sad Faculty of Sciences (Univerzitet u Novom Sadu, Prirodno-matematički fakultet u Novom Sadu), 21000 Novi Sad, Trg Dositeja Obradovića 3, SerbiaBeneficiary3: University of Novi Sad, Faculty of Agriculture (Univerzitet u Novom Sadu, Poljoprivredni fakultet), 21000 Novi Sad, Trg D. Obradovića 8, SerbiaBeneficiary 4: Public Water Management Company Vode Vojvodine (Javno Vodoprivredno Preduzeće Vode Vojvodine) 21000 Novi Sad, Bulevar Mihajla Pupina 25, Serbia | Partner | Minučer Mesaroš(DGTH) | INTERREG-IPA Cross-border Cooperation ProgrammeHungary-Serbia | 2017 | 2019 |
| 38 | Monitoring, forecasting and development of online public early warning system for extreme precipitations and pluvial floods in urban areas in the Hungarian-Serbian cross-border region Acronym: URBAN-PREX | HUSRB/1602/11/0097 | betweenLead Beneficiary: University of Novi Sad Faculty of SciencesandBeneficiary 1: University of SzegedBeneficiary 2: University of Novi Sad, Faculty of Technical SciencesBeneficiary 3: Szeged Mayor's OfficeBeneficiary 4: PUC Water and Sewage Utility Novi Sad | Lead Beneficiary | Stevan Savić(DGTH) | INTERREG-IPA Cross-border Cooperation ProgrammeHungary-Serbia | 2017 | 2019 |
| 39 | Industrial-Driven Big Data as a Self-Service Solution Acronym: I-BiDaaS | H2020-ICT-2017-1 Proposal number: 780787 | 1. FOUNDATION FOR RESEARCH AND TECHNOLOGY HELLAS (Coordinator) 2. IBM ISRAEL - SCIENCE AND TECHNOLOGY LTD3. AEGIS IT RESEARCH LTD4.INFORMATION TECHNOLOGY FOR MARKET LEADERSHIP 5. TELEFONICA INVESTIGACION Y DESARROLLO SA6. University of Novi Sad Faculty of Sciences 7. CENTRO RICERCHE FIAT SCPA8. CAIXABANK SA9. ECOLE NATIONALE DES PONTS ET CHAUSSEES10. SOFTWARE AG11. THE UNIVERSITY OF MANCHESTER12. BARCELONA SUPERCOMPUTING CENTER - CENTRO NACIONAL DE SUPERCOMPUTACION13. ATOS SPAIN SA | Partner  | Dušan Jakovetić (DMI)  | Horizon 2020H2020-ICT-2017-1 | 2017 | 2020 |
| 40 | Razvoj kurikuluma iz reproduktivne biologije/asistiranih reproduktivnih tehnologija i regenerativne medicine u SrbijiCurricula Development in Reproductive Biology/Assisted Reproductive Technologies and Regenerative Medicine in Serbia Acronym: ART-REM | 586181-EPP-1-2017-1-RS-EPPKA2-CBHE-JP |

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| 1. Univerzitet u Beogradu 2. Univerzitet u Kragujevcu3. Sofia University Kliment Ohridski, Bulgaria4. University of Ljubljana, Slovenia5. Universitu of Newcastle, England6. Specijalna Ginekoloska bolnica Ferona, Srbija7. Livestock and Veterinary Centre for reproduction and artificial insemination "Velika Plana", Srbija |

 | Koordinator u ime UNS-a (zajedno sa Medicinskim fakultetom u Novom Sadu) | Nebojša Andrić Radmila Kovačević (DBE)  | Erasmus Plus Key Action 2 Capacity Building in Higher Education | 2017 | 2020 |
| 41 | Imidžing tehnike kosmičkim mionima(Imaging techniques with cosmic-ray muons) | Ministarstvo prosvete, nauke i tehnološkog razvoja Republike Srbije i acionalna služba za istraživanje, razvoj i inovacije MađarskeBilateralna saradnja | Prirodno-matematički fakultet, Novi SadMTA Wigner Research Centrefor Phzsics, Budapest | Nosilac | Kristina Bikit(DF) | Bilateralna saradnjaSrbija - Mađarska | 01.11. 2017 | 01.11.2019 |
| 42 | Invazivne i cvetajuće cijanobakterije u Srbiji i MađarskojInvasive and blooming cyanobacteria in Serbian and Hungarian waters | Ministarstvo prosvete, nauke i tehnološkog razvoja Republike Srbije i acionalna služba za istraživanje, razvoj i inovacije Mađarske | Prirodno-matematički fakultet, Novi SadFaculty of Agricultural and environmental Sciences, Szent Istvan University, Gödöllö | Nosilac | Zorica Svirčev (DBE) | Bilateralna saradnjaSrbija - Mađarska | 01.11. 2017 | 01.11.2019 |
| 43 | Izrada inovativnih algoritama za unapredjenje efikasnosti poreske uprave uz pomoć masovnihpodataka o pojedinačnim poreskim prijavama | Ministarstvo prosvete, nauke i tehnološkog razvoja Republike Srbije **Program integrisanih aktivnosti „Pavle Savić”, odnosno „Partnerstvo Hubert Curien” (PHC)** | Prirodno-matematički fakultet, Novi SadI University of Paris-Est Creteil Val de Marne (UPEC), Francuska  | Nosilac za srpsku stranu  | Jasna Atanasijević (DMI)  | Bilateralna saradnjaSrbija - Francuska | 2018 | 2019 |
| 44 | Development of water tourism on waterways connecting Hungary and Serbia Acronym: **WATERTOUR**  | **HUSRB/1602/31/0204** Interreg-IPA CBC Hungary-Serbia | Prirodno-matematički fakultet, Novi SadiJuhász Gyula Teacher Training Faculty (University of Szeged)Faculty of Sciences and Informatics (University of Szeged) Faculty of Sports and P.E. (University of Novi Sad)Hungarian Language Teacher Training | Partner | Kristina Košić (DGTH) | Interreg-IPA CBC Hungary-Serbia | 2018 | 2020 |
| 45 | Culture on the Palm - Palm Culture Acronym: **PALMCULTURE** | **HUSRB/1602/31/0026** Interreg-IPA CBC Hungary-Serbia | Prirodno-matematički fakultet, Novi Sad i Eurotender Association, Segedin, Hungary | Partner | Vladimir Stojanović (DGTH)  | Interreg-IPA CBC Hungary-Serbia | 2018 | 2020 |
| 46 | Vojvodina and Bács-Kiskun Night Sky as a Novel Touristic Attraction Acronym: **VoBaNISTA**  | **HUSRB/1602/31/0197** Interreg-IPA CBC Hungary-Serbia | Prirodno-matematički fakultet, Novi Sadi Baja Astronomical Foundation, Baja, Hungary | Partner | Dušan Mrđa (DF)  | Interreg-IPA CBC Hungary-Serbia | 2018 | 2020 |
| 47 | Enhancing ELearning with Advanced Human Computer Interaction Facilities |  | Prirodno-matematički fakultet, Novi Sad i PORTA MARCODipartimento di Ingegneria Industrialee dell’InformazioneUniversità di Pavia |  | Aleksandra Klašnja Milićević (DMI) | Bilateralna saradnjaSrbija – Italija  | 2016 | 2018 |
| 48 | Targetirani skrining novih modulatora aktivnosti humanih sterol-hidroksilaza  |  | Prirodno-matematički fakultet, Novi Sadi Institut bioorganske hemije Nacionalne akademije nauke Belorusije, |  | Suzana Jovanović Šanta (DH) | Bilateralna saradnjaSrbija – Belorusija | 2018 | 2019 |