|  | **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 Sciences  3. 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: 337-00-00136/2016-09/43  DS-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 in WB – Building Competences for Quality Management 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 SUPSIDIJARNOM ODGOVORNOSCU 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 in Algebras 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 primene VROP |  | 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 management Acronym: 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 dispersion model (COSMO-ART) | IZ73Z0\_152348/1 | Eidgenössisches Departement des Innern (EDI) Bundesamt für Meteorologie und Klimatologie MeteoSchweiz,  Numerische Vorhersagen Analyse und Prognose - Zürich MeteoSchweiz  University 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 of cyanobacterial toxins based on their interaction with basic cellular detoxification systems in zebrafish (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-Curie Research and Innovation Staff Exchange (RISE) | 01/07/2015 | 30/06/2018 |
| 35 | Real-time measurements and forecasting for successful prevention and management of seasonal allergies in Croatia Serbia cross-border region  Acronym: RealForAll | HR-RS151 | Lead Partner: BioSensе Institute - Research Institute 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 | between  Lead Beneficiary: University of Szeged (Szegedi Tudományegyetem), H-6720 Szeged, Dugonics tér 13, Hungary  and  Beneficiary 1: Lower-Tisza-District Water Directorate (Alsó-Tisza vidéki Vízügyi Igazgatóság), H-6720 Szeged, Stefánia 4, Hungary  Beneficiary 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, Serbia  Beneficiary3: University of Novi Sad, Faculty of Agriculture (Univerzitet u Novom Sadu, Poljoprivredni fakultet), 21000 Novi Sad, Trg D. Obradovića 8, Serbia  Beneficiary 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 Programme  Hungary-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 | between  Lead Beneficiary: University of Novi Sad Faculty of Sciences  and  Beneficiary 1: University of Szeged  Beneficiary 2: University of Novi Sad, Faculty of Technical Sciences  Beneficiary 3: Szeged Mayor's Office  Beneficiary 4: PUC Water and Sewage Utility Novi Sad | Lead Beneficiary | Stevan Savić  (DGTH) | INTERREG-IPA Cross-border Cooperation Programme  Hungary-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 LTD  3. AEGIS IT RESEARCH LTD  4.INFORMATION TECHNOLOGY FOR MARKET LEADERSHIP  5. TELEFONICA INVESTIGACION Y DESARROLLO SA  6. University of Novi Sad Faculty of Sciences  7. CENTRO RICERCHE FIAT SCPA  8. CAIXABANK SA  9. ECOLE NATIONALE DES PONTS ET CHAUSSEES  10. SOFTWARE AG  11. THE UNIVERSITY OF MANCHESTER  12. BARCELONA SUPERCOMPUTING CENTER - CENTRO NACIONAL DE SUPERCOMPUTACION  13. ATOS SPAIN SA | Partner | Dušan Jakovetić  (DMI) | Horizon 2020  H2020-ICT-2017-1 | 2017 | 2020 |
| 40 | Razvoj kurikuluma iz reproduktivne biologije/asistiranih reproduktivnih tehnologija i regenerativne medicine u Srbiji  Curricula Development in Reproductive Biology/Assisted Reproductive Technologies and Regenerative Medicine in Serbia  Acronym: ART-REM | 586181-EPP-1-2017-1-RS-EPPKA2-CBHE-JP | |  | | --- | | 1. Univerzitet u Beogradu  2. Univerzitet u Kragujevcu  3. Sofia University Kliment Ohridski, Bulgaria  4. University of Ljubljana, Slovenia  5. Universitu of Newcastle, England  6. Specijalna Ginekoloska bolnica Ferona, Srbija  7. 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 Mađarske  Bilateralna saradnja | Prirodno-matematički fakultet, Novi Sad  MTA Wigner Research Centrefor Phzsics, Budapest | Nosilac | Kristina Bikit  (DF) | Bilateralna saradnja  Srbija - Mađarska | 01.11. 2017 | 01.11.2019 |
| 42 | Invazivne i cvetajuće cijanobakterije u Srbiji i Mađarskoj  Invasive 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 Sad  Faculty of Agricultural and environmental Sciences, Szent Istvan University, Gödöllö | Nosilac | Zorica Svirčev  (DBE) | Bilateralna saradnja  Srbija - Mađarska | 01.11. 2017 | 01.11.2019 |
| 43 | Izrada inovativnih algoritama za unapredjenje efikasnosti poreske uprave uz pomoć masovnih podataka 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 Sad  I  University of Paris-Est Creteil Val de Marne (UPEC), Francuska | Nosilac za srpsku stranu | Jasna Atanasijević  (DMI) | Bilateralna saradnja  Srbija - 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 Sad  i  Juhász 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 Sad  i  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 MARCO Dipartimento di Ingegneria Industriale e dell’Informazione Università di Pavia |  | Aleksandra Klašnja Milićević  (DMI) | Bilateralna saradnja  Srbija – Italija | 2016 | 2018 |
| 48 | Targetirani skrining novih modulatora aktivnosti humanih sterol-hidroksilaza |  | Prirodno-matematički fakultet, Novi Sad  i  Institut bioorganske hemije  Nacionalne akademije nauke Belorusije, |  | Suzana Jovanović Šanta  (DH) | Bilateralna saradnja  Srbija – Belorusija | 2018 | 2019 |