

## РАЗРАБОТВАНИ ПРОЕКТИ

### *Международни и по Оперативни програми*

1. COST Action FP1304 PROFOUND 2014 -2018 “Towards robust PROjections of European FOrests UNDER climate change” – **член на УС и национален координатор**.  
[http://www.cost.eu/domains\\_actions/fps/Actions/FP1304?management](http://www.cost.eu/domains_actions/fps/Actions/FP1304?management)
2. COST Action FP1106 2012-2016 “STReESS - Studying Tree Responses to extreme Events: a Synthesis” – **член на УС и национален координатор**.  
[http://www.cost.eu/domains\\_actions/fps/Actions/FP1106?management](http://www.cost.eu/domains_actions/fps/Actions/FP1106?management)
3. COST Action ES0805- 12.06. 2009-2014 - The Terrestrial Biosphere in the Earth System – **член на УС и национален координатор**; работна група „Modeling Plant Ecology“.  
<http://www.terrabit.es/Publications-from-TERRABITES.2254.0.html>
4. COST FP Action ES1101 2012-2016 „Harmonizing Global Biodiversity Modelling (HarmBio) – **член на УС и национален координатор**; работна група “Standardized datasets of biodiversity and environment” [http://www.cost.eu/domains\\_actions/essem/Actions/ES1101?management](http://www.cost.eu/domains_actions/essem/Actions/ES1101?management)
5. Contract No 4-25-2008, Funding organization AustrianScience and Research Liaison Office, 2008 - 2009. A science based approach to understand biodiversity driven functions and services for improving wetland management; R. Kalchev (национален координатор), Institute of Biodiversity and Ecosystem Investigations, BAS - **участник**.
6. Phare Aid/120600/D/SV/BG2007 – 2008 “Strengthening of administrative capacity at local level for implementation of environmental legislation” – **участник**.
7. BBI/MATRA Project № 014/2006 Alterra –Wageningen/Green BalkansWildlife Society/Bulgarian Foundation of Biodiversity/2006-2008. “Favourable Conservation Status of Nature - 2000. Habitats and Species in Bulgaria”. Zinstrá, H. (manager). I. Marin (national coordinator) Task: Development of Criteria for Favourable Conservation Status of Species and Habitats (Inventory of conservation important regions and species in following districts – Osogovo Mountain, “Gabra” district, Dospat ravine) – **РЪКОВОДИТЕЛ НА ЕКИП**.
8. ПРОЕКТ BG051PO001-4.3.04-0033 „Разработване и провеждане на електронни форми на дистанционно обучение във Факултет по химия и фармация при СУ „Св. Климент Охридски“. Оперативна програма „Развитие на човешките ресурси”, съфинансирана от Европейския социален фонд на Европейския съюз – **участник**.
9. ЕП „Околна среда“/ Консорциум „Натура България”Д-30-38/21.03.2011–25.03.2013„Картиране и определяне на природозащитното състояние на природни местообитания и видове - фаза Г”. **РЪКОВОДИТЕЛ НА ЕКИП ПО ОБОСОБЕНА ПОЗИЦИЯ 6** „Картиране и определяне природозащитното състояние на висши растения, мъхове и природни местообитания”
10. ОП „Развитие на човешките ресурси Проект“Студентски практики“ - 1.11.2013/31.10.2014– **академичен наставник**; 9 стажанта.

### *Билатерални*

11. Bulgarian National Scientific Fund/France/2005 – 2007 "Estimation of dynamics of structure and functions of Chestnut communities (*Castanea sativa* Mill.) – Belasica in condition of global climatic changes". Manager S. Bratanova, Institute of Biodiversity and Ecosystem Investigations, BAS - **консултант**

12. Bulgarian National Scientific Fund/France/2005 – 2007 "Plant biomonitoring of pollutants O<sub>3</sub>, NO<sub>x</sub> И SO<sub>2</sub> in natural and urban environment. Initial studies in Bulgaria and comparison with the situation in France". Manager S. Bratanova, Institute of Biodiversity and Ecosystem Investigations, BAS – **консултант**

13. Institute of Botany and Mycology, BAS/University of Sofia/Sweden, Lund University/IMES/1997-2001/IEDA PROJECT: Integrated environmental diagnosis and assessment: Ecological systems at risk in Bulgaria- Montane and coastal forest communities – **консултант**

14. Bulgarian National Scientific Fund/ Ministry of regional development, Bourgas Municipality/1992-1996 "The complex investigations about the structure and functions of the xerophytes /forest/ ecosystems in Bulgaria". Manager: I. Bondev, SU – **участник**.

15. University of Sofia, Faculty of Biology, Department of Ecology/ Ministry of regional development , Etropole Municipality/1992-1994" The complex ecological and nature-protection investigation about biotopes and biocoenoses of natural and agricultural ecosystems in the region of Etropole district". Manager: R. Doichev, SU – **участник**.

### ***Национални***

16. Bulgarian National Scientific Fund /ДДВУ0253/20.12.2010/2010-2013 "Role of the underground plant mass in the annual fixation of CO<sub>2</sub> from forest ecosystems of main tree species in Bulgaria". Manager V. Dimitrova, Forest University, Sofia – **консултант** <http://belowground-phytomass.com>

17. Bulgarian National Scientific Fund/№ДК07ПИ02/21/2010-14 - „Application of information technologies for modelling of forest ecosystems as an approach for the development of dynamic global vegetation models ” – **ръководител** [www.e-ecology.org](http://www.e-ecology.org)

18. Bulgarian National Scientific Fund/YS-BG/12.07/2002-2006, № 2354 "Phytocoenological investigations in reserve "Kamenshtiza", Central Balkan Mountain" - K.Pachedjieva, Department of Ecology and EP, SU – **консултант**

19. Bulgarian National Scientific Fund/YS-BG/ 2007-2008 "Research on environmental characteristics of chestnut forests for use as a model for multifunctional forest management" - V. Dimitrova, University of Forestry, Sofia - **консултант**

20. Bulgarian National Scientific Fund/ № ВУ- АН- 4 /2005-2009 "Dendroclimatic Analysis for Changes of Air Temperature and Precipitation in South-Western Bulgaria". Manager St. Mirchev, University of Forestry, Sofia - **участник**

### ***Институционални***

21. Научен фонд на БФ, СУ – Договор132/04.2014 - Дендрохронологични проучвания на дъбовите гори в защитена зона „Западна Стара планина и Предбалкан“ – **ръководител**

22. Научен фонд на БФ, СУ- Contract №21/15.04.2013 - Functional researches of xerothermic oak ecosystems in SCI “Zapadna Stara Planina i Predbalkan” - **ръководител**
23. Научен фонд на СУ - /N025/2009 “Investigations about connection between production and energetical level of water state in *Zea mays* L. agroecosystem at the conditions of “Dragalevtzi” Study – Experimental Base” – **ръководител**
24. PUDOOS/2006-2008: Red Book of Bulgaria, t. 3 – Nature habitats. Chief redactor N. Chipev – **участник**
25. University of Sofia Scientific Fund/№351/2001-2002/№ 3356 ”Ecological assessment of the *Juniperus excelsa* L. state in “Tisata” Reserve and the influence factors on the species decline” – **участник**
26. University of Sofia Scientific Fund/2001 – 2002 “Investigations about biological active substance in the *Chenopodium botrys* phytomass and ecological factors”. Manager: D. Dimitrov, Department of Botany, SU– **участник**
27. University of Sofia Scientific Fund/358/2001-2002(N3360) “Ecological assessment of *Picea excelsa* L. formation state and the influence factors on the Norway spruce decline in the “Tchuprene” Biosphere Reserve, Western Balkan Mountains” – **ръководител**