



Univerzitet Crne Gore  
BIOTEHNIČKI FAKULTET  
University of Montenegro  
BIOTECHNICAL FACULTY



# Poljoprivreda i šumarstvo Agriculture and Forestry

## 2

**Agriculture and Forestry, Vol.57(11), Issue 2, Podgorica, 2012.**

**UDC (UDK) 630/631 ISSN 0554-5579 COBISS.CG-ID 375082**





International Conference:

**ROLE OF RESEARCH IN SUSTAINABLE  
DEVELOPMENT OF AGRICULTURE  
AND RURAL AREAS**

Podgorica, Montenegro  
May 23-26, 2012

Keynote speakers' papers



**Poljoprivreda i šumarstvo - Agriculture and Forestry****IZDAVAČ - PUBLISHER**

Biotehnički fakultet, Podgorica - Biotechnical faculty, Podgorica  
 Bul. Mihaila Lalića 1, 81000 Podgorica, Crna Gora, P.Box 97,  
 Tel.: +382 20 268431, +382 20 268437, Fax: +382 20 268432,  
 Web: www.agricultforest.ac.me; E-mail: agricultforest@ac.me

**GLAVNI I ODGOVORNI UREDNIK - EDITOR IN CHIEF**

Velibor SPALEVIĆ

**SEKRETAR REDAKCIJE – GENERAL SECRETARY / COEDITOR**

Miomir JOVANOVIĆ

**TEHNIČKI UREDNIK - TECHNICAL EDITOR / COEDITOR**

Milić ČUROVIĆ

**REDAKCIJA - EDITORIAL BOARD**

Natalija PEROVIĆ, Slavko MIJOVIĆ, Momčilo RADULOVIC,  
 Nataša MIRECKI, Božidarka MARKOVIĆ, Jelena LATINOVIC,  
 Radmila PAJOVIĆ, Aleksandra DESPOTOVIĆ, Milić ČUROVIĆ

**MEĐUNARODNA REDAKCIJA – EXTERNAL EDITORIAL BOARD**

Ardian MACI (ALB), Drago CVIJANOVIĆ (SRB), Emil ERJAVEC (SLO),  
 Franc BAVEC (SLO), Gordan KARAMAN (MNE), Elazar FALLIK (ISR),  
 Guangyu SUN (CHN), Ignacio Diaz-Maroto (ESP), Jasmina HAVRANEK (CRO),  
 Katja ŽANIĆ (CRO), Klaus MEYN (GER), Laura BOURIAUD (ROU),  
 Luiggi RICCIARDI (ITA), Lumturi PAPA (ALB), Mico OLJACA (SRB),  
 Mihailo NIKOLIĆ (SRB), Milan MEDAREVIC (SRB), Naser SABAGHNI (IRI),  
 Naldo ANSELM (ITA), Nesreen AHMED SABRY (EGY), Naveen KUMAR, (USA),  
 Nebojša RALEVIĆ (SRB), Ordan CUKALIEV (MKD), Paraskevi LONDRA (GRE),  
 Radomir RADOVANOVIĆ (SRB), Sead ŠABANADŽOVIĆ (USA),  
 Zhiyong MA (CHN), Zvonimir BOŽINOVIĆ (MKD)

Časopis izlazi tromjesečno. Godišnja pretplata za organizacije, ustanove i preduzeća €20, za pojedince €10, za inostranstvo €40. Žiro račun 510-8133-85 CKB Podgorica.

*The journal is published quarterly. Annual subscriptions to institutions is €20, for individuals, € 10, foreign countries €40. Bank account 510-8133-85 CKB Podgorica.*

Časopis „Poljoprivreda i šumarstvo” sufinansiraju:

Ministarstvo nauke Crne Gore i

Ministarstvo poljoprivrede i ruralnog razvoja Crne Gore

Volume 57, Issue 2 finasiran od strane FP7 REGPOT 2010-5 projekta:

"Fostering a Science-based Development of a sustainable Montenegrin Agriculture - AgriSciMont"

*Journal "Agriculture and forestry" is co-financed by:*

*Ministry of Science of Montenegro*

*Ministry of Agriculture and Rural Development of Montenegro*

*Volume 57, Issue 2 funded by FP7 REGPOT 2010-5 Project:*

*"Fostering a Science-based Development of a sustainable Montenegrin Agriculture - AgriSciMont"*

CIP – Каталогизacija у публикацији

Централна народна библиотека Црне Горе, Цетиње

ISSN 0554-5579

COBIS.CG-ID 3758082

## **SADRŽAJ / CONTENT**

*Reiner DOLUSCHITS, University of Hohenheim*

**MEASURING SUSTAINABILITY – INDICATOR BASED  
APPROACH FOR FARM LEVEL AND AGRO FOOD  
SUPPLY CHAIN APPLICATION**

***MJERENJE ODRŽIVOSTI – PRIMJENA PRISTUPA  
BAZIRANOG NA INDIKATORIMA ZA NIVO FARME  
I ZA LANAC SNABDIJEVANJA HRANOM***

*Radmir RADOVANOVIĆ, Faculty of Agriculture, Belgrade*

**FOOD SECURITY AND SAFETY:  
GLOBAL CHALLENGES AND FUTURE  
INITIATIVES AND ACTIVITIES**

***RASPOLOŽIVOST I BEZBEDNOST HRANE:  
GLOBALNI PROBLEM KAO IZAZOV ZA  
BUDUĆE INICIJATIVE I AKTIVNOSTI***

*Jasmina HAVRANEK, Agency for science  
and higher education Croatia*

**THE TRADITIONAL FOOD – CHALLENGES IN THEIR  
PROMOTION AND PROTECTION**

***TRADICIONALNI PROIZVODI – IZAZOVI U  
PROMOCIJI I ZAŠTITI***

*Aleksandra MARTINOVIĆ, Biotechnical Faculty,  
University of Montenegro*

**CURRENT STATUS OF FOOD SAFETY  
SYSTEM IN MONTENEGRO**

***STANJE SISTEMA BEZBJEDNOSTI  
HRANE U CRNOJ GORI***

*Slavko MIRECKI, Biotechnical Faculty,  
University of Montenegro*

PROTECTION OF TRADITIONAL DAIRY  
PRODUCTS IN MONTENEGRO

*ZAŠTITA TRADICIONANIH MLJEČNIH  
PROIZVODA U CRNOJ GORI*

*Drago KOMPAN, Biotechnical Faculty,  
University of Ljubljana*

THE IMPORTANCE OF ANIMAL GENETIC  
RESOURCES: GLOBAL, REGIONAL AND  
NATIONAL PERSPECTIVE

*ZNAČAJ ANIMALNIH GENETIČKIH  
RESURSA: GLOBALNOA, REGIONALNOA I  
LOKALNA PERSPEKTIVA*

*Peter DOVČ, Biotechnical Faculty,  
University of Ljubljana*

THE IMPACT OF GENETICS IN THE CONCEPT  
OF SUSTAINABLE AGRICULTURE

*GENETIKA U KONCEPTU  
ODRŽIVE POLJOPRIVREDE*

*Božidarka MARKOVIĆ, Biotechnical Faculty,  
University of Montenegro*

FARM ANIMAL GENETIC RESOURCES  
OF MONTENEGRO

*GENETIČKI RESURSI U STOČARSTVU  
CRNE GORE*

INSTRUCTIONS TO AUTHORS