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DOMINIQUE
DARMENDRAIL
FRANCE

BERT KURILLA

KAREL WAS
CZECH REPUBLIC





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NORBERT KUPILLA
SLOVAKIA

TIQUE
NDRAIL
NCE





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KAROL WAGNER
SLOVAKIA



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DOMINIQUE
DARMENDRAIL
FRANCE

NORBERT KURILLA
SLOVAKIA

RAJEC
RAJEC

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Legal background in Austria

- Water Act (WRG 1959)
- Contaminated Sites Remediation Act
- Waste Management Act (AWG 2002)
- Austrian Standard ONORM S 2088
 - part 1: 2008-01-01
 - part 2: 2008-01-01
 - part 3: 2008-01-01

Not existing in Austria (federal level):

- Soil Protection Act



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VLASTA JÁNOVÁ
SLOVAKIA

DIETMAR MÜLLER-GRASBERG
AUSTRIA

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Work 1 - Summary

- Application of the methodology of the research
- Application of the methodology of the research

Difficulties in the Research

- The complexity of the data (different sources, different methods)
- The complexity of the data (different sources, different methods)
- The complexity of the data (different sources, different methods)

Final - The complexity of the data (different sources, different methods)

Work 2 - Summary

- Application of the methodology of the research
- Application of the methodology of the research

Difficulties in the Research

- The complexity of the data (different sources, different methods)
- The complexity of the data (different sources, different methods)
- The complexity of the data (different sources, different methods)

Final - The complexity of the data (different sources, different methods)

SK EU2016

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VLASTA JÁNOVÁ
SLOVAKIA

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MARIE JAILLER
BELGIUM

MILAN ŠAMKA
CZECH REPUBLIC

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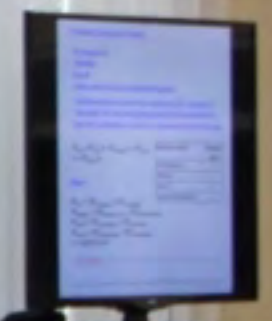
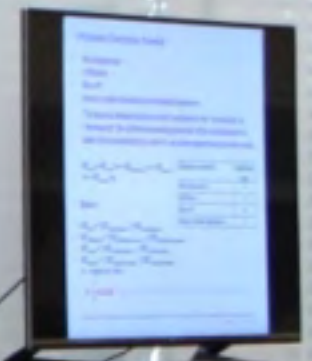
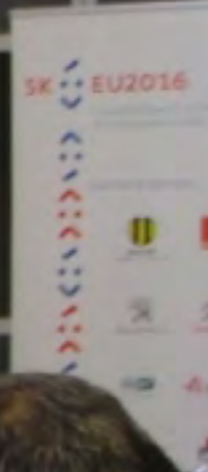
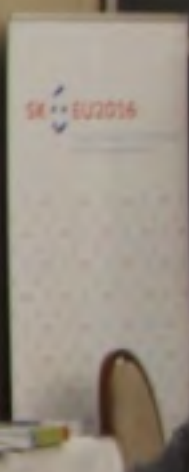


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Modelovanie sorpčných vlastností pôdy Slovenska pre potreby geologického informačného systému
Hangáč R.¹, Diapa P.¹, Antal B.¹, Zvara I.¹, Káčik D.¹, Zicha M.²
¹ Ministerstvo životného prostredia SR, Zároveň vedecká a vedeckopedagogická pracovňa, Bratislava, SR
² Slovenská akadémia vied, Ústav geologických věd, Bratislava, SR



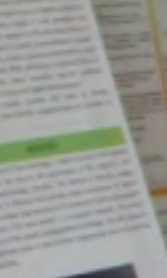
Abstract: The paper is devoted to the modeling of sorption properties of soils in Slovakia for the needs of a geological information system. The modeling is based on the results of laboratory and field measurements of sorption coefficients of various soil types. The results are presented in the form of maps and tables. The maps show the spatial distribution of sorption coefficients across the territory of Slovakia. The tables provide detailed data for various soil types and regions.

REMEDIATION OF PCB-CONTAMINATED SEDIMENT BY USE OF AUTOCHTHONOUS BACTERIA AND EFFICIENCY OF ALKALIZATION ON PCB BIODEGRADATION
Drobná E., Hrdličková M., Štefánek J., Čížek P.




Abstract: This study investigates the biodegradation of polychlorinated biphenyls (PCBs) in sediment. It compares the efficiency of autochthonous bacteria under different alkalization conditions. The results show that alkalization significantly enhances the biodegradation rate of PCBs.

LOW-COST CONCRETE BRIDGE REINFORCEMENT
Kováčik J., Hrdličková M., Štefánek J., Čížek P.



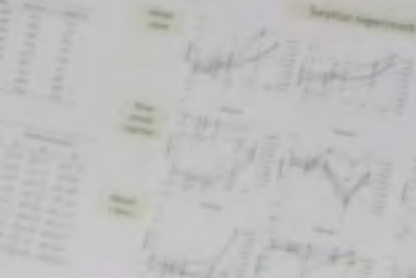
Abstract: This paper presents a low-cost method for reinforcing concrete bridges. It details the materials used and the construction process, highlighting the economic and structural benefits of the proposed technique.

Study of naproxen and diclofenac and real water samples by phytochemicals
Kováčik J., Hrdličková M., Štefánek J., Čížek P.



Abstract: This study examines the degradation of naproxen and diclofenac in water samples using phytochemicals. The results show that phytochemicals are effective in breaking down these pharmaceuticals, reducing their environmental impact.

VALUE OF MISCANTHUS BIOCHARS TO DECREASE THE AVAILABILITY OF METALS IN AQUEOUS SOLUTIONS
Kováčik J., Hrdličková M., Štefánek J., Čížek P.



Abstract: This research evaluates the effectiveness of Miscanthus biochars in reducing the availability of metals in aqueous solutions. The results indicate that biochars significantly reduce the availability of various metals, making them less accessible to plants and organisms.

17 RESTAURÁCIA
DENNY BAR
SALA-HALL A
SALA-HALL B

PROJEKTY SAŽP V OBLASTI RIEŠENIA ENVIRONMENTÁLNYCH ZÁŤAŽÍ PODPORNÉ V RÁMCI OPERAČNÉHO PROGRAMU ŽIVOTNÉ PROSTREDIE (2007 – 2013)

OSVETA, PRÁCA S VEREJNOSŤOU AKO PODPORA PRI RIEŠENÍ ENVIRONMENTÁLNYCH ZÁŤAŽÍ V SR

Realizácia projektu: VI/2012 – VI/2013

Cieľ:

- Zvýšenie povedomia širokej verejnosti o závažnosti problému riešenia environmentálnych záťaží vrátane ich sanácie.

Špecifický cieľ:

- Zvýšenie informovanosti o problematike environmentálnych záťaží.



PROJECTS OF SEA ADDRESSING CONTAMINATED SITES SUPPORTED BY THE OPERATIONAL PROGRAMME ENVIRONMENT (2007 – 2013)

EDUCATION AND PUBLIC AWARENESS AS A SUPPORT IN CONTAMINATED SITES REMEDIATION IN SR

Project duration: VI/2012 – VI/2013

Main objective:

- Raise the general public's awareness concerning the issue of addressing contaminated sites, including its remediation.

Specific objective:

- Help the public to be better informed about the issue of environmental contamination.

INTEGRÁCIA VEREJNOSTI DO RIEŠENIA ENVIRONMENTÁLNYCH ZÁŤAŽÍ

Realizácia projektu: VI/2014 – VI/2015

Cieľ projektu:

- Spolupráca širokej verejnosti a propagácia aktivít týkajúcich sa environmentálnych záťaží, vrátane ich sanácie.

Špecifický cieľ:

- Informačná a propagandistická podpora na zvýšenie informovanosti verejnosti o problematike environmentálnych záťaží.



INTEGRATION OF THE PUBLIC INTO THE CONTAMINATED SITES REMEDIATION

Project duration: VI/2014 – VI/2015

Main objective:

- Facilitating and involving the wider public in activities relating to contaminated sites, including its remediation.

Specific objective:

- Provide and inform the public about the issue of contaminated sites.

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PROJEKTY SAŽP V OBLASTI RIEŠENIA ENVIRONMENTÁLNYCH ZÁŤAŽÍ PODPORNÉ V RÁMCI OPERAČNÉHO PROGRAMU ŽIVOTNÉ PROSTREDIE (2007 – 2013)

MANAŽMENT RIEŠENIA LOKALÍT S VYSKYTOM POPH ZHŤESŤ/PESTICÍDŮ V SLOVENSKEJ REPUBLIKE

Realizácia projektu: VI/2011 – VI/2013

Cieľ:

- Projekt o vedu aplikovať v praxi na riešenie lokalít s výskytom POPH z hŤesŤ/pesticídov.

Ciele projektu sa realizovali prostredníctvom nasledovných aktivít:

- Realizácia publikácie odborných výskumných prác.
- Realizácia lokálnej a regionálnej konferencie POPH SR.
- Realizácia odborných školení pre environmentálne pracovníkov na celom území SR.
- Realizácia odborných školení pre environmentálnych pracovníkov v rámci Európy.
- Realizácia odborných školení pre environmentálnych pracovníkov v rámci Európy.



PROJECTS OF SEA ADDRESSING CONTAMINATED SITES SUPPORTED BY THE OPERATIONAL PROGRAMME ENVIRONMENT (2007 – 2013)

MANAGEMENT OF SITES CONTAINING POPH MIXTURES OR PESTICIDES IN THE SLOVAK REPUBLIC

Project duration: VI/2011 – VI/2013

Main objective:

- Project to be applied in practice to solve the problem of POPH sites in the Slovak Republic.

Main objectives:

- Realization of the project through the following activities:
 - Realization of a publication of scientific research papers.
 - Realization of a local and regional conference POPH SR.
 - Realization of professional training for environmental workers throughout the SR.
 - Realization of professional training for environmental workers in Europe.
 - Realization of professional training for environmental workers in Europe.

ŠTÁTNY PROGRAM SANÁCIE ENVIRONMENTÁLNYCH ZÁŤAŽÍ (2016 – 2021)


Realizácia projektu: VI/2016 – VI/2021

Cieľ:

- Spoločne vymedziť štátny program sanácie environmentálnych záťaží 2016 – 2021 (SPS 2016).

Špecifické ciele:

- Spoločne vypracovať dokumenty SPS 2016 – 2021 vrátane výberu území a strategického dokumentu a správy o hodnotení strategického dokumentu.



STATE REMEDIATION PROGRAMME OF CONTAMINATED SITES (2016 – 2021)

Project duration: VI/2016 – VI/2021

Main objective:

- Project to define a new State Remediation Programme of contaminated sites for the years 2016 – 2021.

Specific objectives:

- Jointly develop documents for the State Remediation Programme of contaminated sites 2016 – 2021, including preparing environmental and strategy documents and report on evaluation of the strategy document.

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PROJEKTY SAŽP V OBLASTI RIEŠENIA ENVIRONMENTÁLNYCH ZÁŤAŽÍ PODPORNÉ V RÁMCI OPERAČNÉHO PROGRAMU ŽIVOTNÉ PROSTREDIE (2007 – 2013)

REGIONÁLNE ŠTUDIE HODNOTENIA DOPADŮ ENVIRONMENTÁLNYCH ZÁŤAŽÍ NA ŽIVOTNÉ PROSTREDIE PRE VÝBRANÉ KRAJE (REGIÓNY)


Realizácia projektu: VI/2010 – VI/2013

Cieľ projektu:

- Spoločne vypracovať odborné štúdie o dopadoch environmentálnych záťaží na životné prostredie v rámci jednotlivých regiónov SR.

Špecifický cieľ projektu:

- Realizácia úlohy pre regionálne štúdie hodnotenia dopadov environmentálnych záťaží na životné prostredie pre jednotlivé krajiny SR.
- Realizácia odborných školení pre environmentálnych pracovníkov v rámci jednotlivých regiónov SR.
- Realizácia odborných školení pre environmentálnych pracovníkov v rámci jednotlivých regiónov SR.



PROJECTS OF SEA ADDRESSING CONTAMINATED SITES SUPPORTED BY THE OPERATIONAL PROGRAMME ENVIRONMENT (2007 – 2013)

REGIONAL STUDIES OF THE ENVIRONMENTAL IMPACTS OF CONTAMINATED SITES IN SELECTED REGIONS

Project duration: VI/2010 – VI/2013

Main objective:

- Prepare the environmental impacts of contaminated sites in Slovakia's individual regions.

Specific objectives:

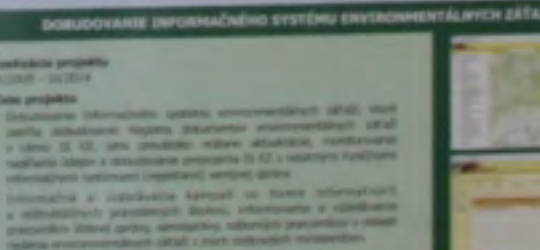
- Conduct a unified study of methods for regional studies of the impacts of contaminated sites in Slovakia.
- Use the study to prepare individual regional studies for Slovakia's individual administrative regions.
- Use the study to prepare individual regional studies for Slovakia's individual administrative regions.

DORUČOVANIE INFORMAČNÉHO SYSTÉMU ENVIRONMENTÁLNYCH ZÁŤAŽÍ

Realizácia projektu: VI/2010 – VI/2014

Ciele projektu:

- Realizácia informačného systému environmentálnych záťaží, ktorý umožní informovať širokú verejnosť o problematike environmentálnych záťaží a ich sanácie.
- Realizácia odborných školení pre environmentálnych pracovníkov v rámci jednotlivých regiónov SR.
- Realizácia odborných školení pre environmentálnych pracovníkov v rámci jednotlivých regiónov SR.



THE UPGRADE OF THE INFORMATION SYSTEM OF CONTAMINATED SITES

Project duration: VI/2010 – VI/2014

Main objective:

- The upgrade of the information system of contaminated sites, in connection with other public information systems.

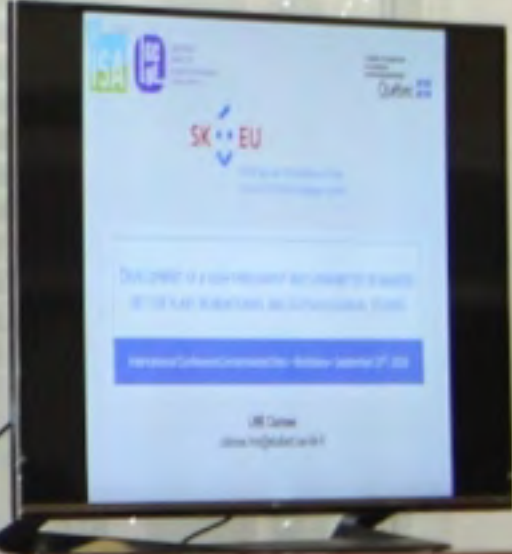
Specific objectives:

- Carry out an informational and educational campaign in the form of regular informational and educational meetings.

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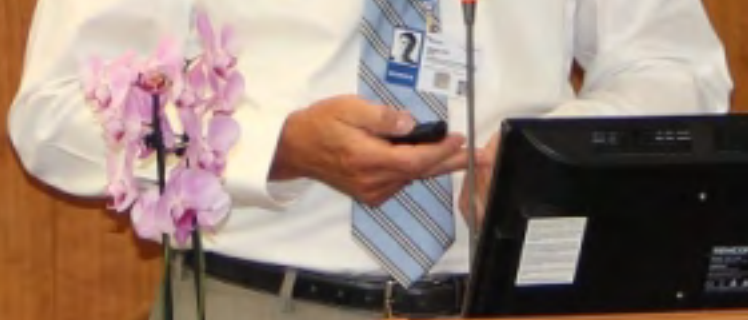


KATARINA DENCOVA
SLOVAKIA





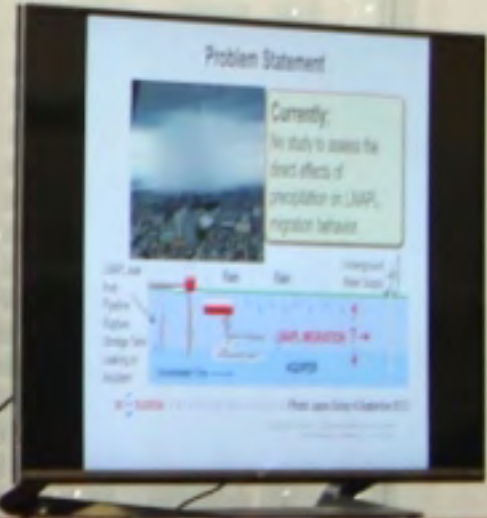
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KATARINA DERCOVÁ
SLOVAKIA



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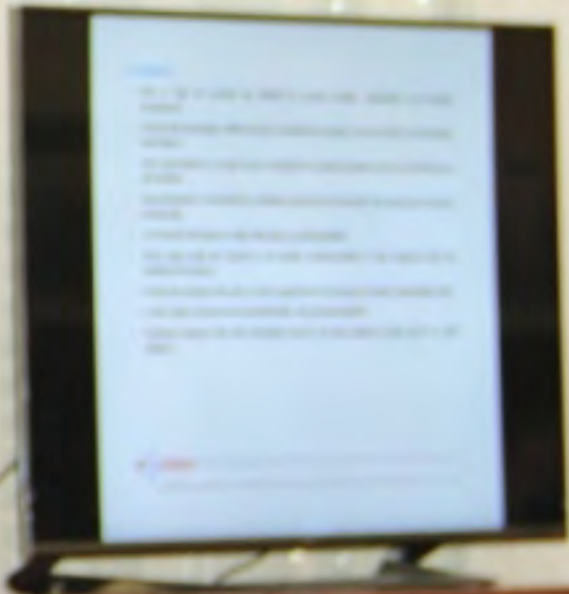


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VALER WOLFF

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