



IVL Swedish Environmental  
Research Institute



贵州省环境保护国际合作中心  
Guizhou International Cooperation Centre  
for Environmental Protection



# Activity Visibility Report

## 活动宣传报告

EGP-Guizhou  
环境治理项目-贵州项目

Improving access to environmental justice  
to protect people's environmental rights  
in Guizhou province

推动贵州环境司法发展维护贵州公众环境权益

A Partnership Project within the  
EU-China Environmental Governance Programme  
(EU-China EGP).

中欧环境治理项目--地方伙伴项目

## 环境损害评估（EDA）案例研究 -- 第一部分

2014年9月18日星期四，中欧环境治理项目贵州项目成功地开展了关于环境损害评估案例研究培训的第一部分。该部分培训在贵州省贵阳市进行，特地邀请了最近成立的贵州省环境风险与污染损害鉴定评估中心的员工。

此次开展的关于环境损害评估的案例研究培训，是两部分内容中的第一部分。目标是通过聚焦于一个具体的贵州案例，提升贵州省环境风险与污染损害鉴定评估中心的员工关于环境损害和赔偿的业务能力。选取的案例是贵阳一处关闭并废弃的煤矿，该煤矿是一个合适的案例，可以展示如何综合开展环境损害评估，以水和土壤中的重金属为关注点。环境损害评估案例研究的第一部分，主要目的是介绍实地工作中采用的方法，包括一套监测策略，以及设计采样计划。

周四上午，培训在新成立的环境损害评估中心开始。当天上午先进行了三个关于环境损害评估的主题演讲。首先，瑞典环境科学研究院的徐敏先生，介绍了中欧环境治理项目贵州项目开展此次环境损害评估案例研究的背景情况，然后陈述了选择当地某废弃煤矿作为案例的理由。接着，瑞典环境科学研究院的孔德国先生，介绍了制定采样计划的一般方法论，并介绍了针对案例研究所设计的采样计划初稿。最后，同样来自瑞典环境科学研究院的 Johan Strandberg 先生，从理论与实践的角度，做了一个关于环境损害应该如何展开的综合性陈述。三位发言人不但尽量涵盖了环境损害评估的各个方面，而且还提供了一个具体的案例，也就是当地煤矿的案例。三位演讲者还与环境损害评估中心的工作人员进行了互动交流。特别是，Johan Strandberg 先生论述了为什么与环境损害评估的其他关键步骤相比，初步调查有着最高的重要性。他的观点也被听众广泛认同。环境损害评估中心两位年长的资深员工，对 Johan Strandberg 先生展示的方法论表示出了浓厚的兴趣，并且表达了进一步合作的意向。总共参会人员超过了 30 人，其中包括首席工程师张军方先生和他的同事。

周四下午，在之前选定的废弃煤矿开展了实地调研。参与人员包括瑞典环境科学研究院的团队（Johan Strandberg 先生和孔德国先生），贵州环境损害评估中心的人员，贵阳公众环境教育中心的黄成德先生，中华环保联合会的高晓谊女士以及当地监测站的工作人员。Johan Strandberg 先生首先给大家介绍了该废弃煤矿和设计的采样计划。然后，兼顾取样和培训的目的，Johan Strandberg 先生指导环境损害评估中心的工作人员对土壤和污泥进行了采样。孔德国先生陪同当地检测站的两位高级职员采取了水样。相关参与人员都认同采样活动圆满成功。

环境损害评估案例研究培训的第二部分将在 2014 年 12 月进行，关注点会是环境损害和赔偿，从更宏观的角度看待所选定的具体研究案例和获取的数据，将会涉及到私人财产损失以及为了避免对人类和生态系统造成不可接受的影响而采取的措施。第二部分还会介绍国内其他环境损害评估中心的机构设置和实践经验，包含环境损害评估中心的资金运作机制。

## Environmental Damage Assessment (EDA) Case Study – Part 1

On Thursday September 18<sup>th</sup> 2014, Part 1 of the Case Study on Environmental Damage Assessment (EDA) was successfully carried out by the EGP-Guizhou project. The training took place in Guiyang, Guizhou Province, especially inviting the staff from the newly established Guizhou Environmental Damage Assessment Centre (EDA Centre). The Case Study Training on EDA carried out was the first of two parts with the aim to increase the capacity of the staff within the EDA Centre regarding EDA and compensation by focusing on a real Guizhou case. The selected case is a closed abandoned coal mine in Guiyang which was chosen as a suitable site for demonstrating how to comprehensively carry out an environmental damage assessment (EDA), with focus on heavy metals in water and soil. Part 1 of the EDA Case Study especially aimed at introducing methods to be used at the field work, including a monitoring strategy, as well as to design a sampling plan.

On Thursday morning, the training started at the newly established EDA Centre. The morning began with three presentations on the topic of EDA. First, **Mr. Min Xu** from IVL Swedish Environmental Research Institute (IVL) introduced the background of carrying out an EDA case study for the EGP-Guizhou Project and also justified the selection of the local abandoned coal mine as a case study site. Thereafter, **Mr. Deguo Kong** from IVL presented the generic methodology for drawing sampling plans and presented the draft sampling plan for the case study site. Finally, **Mr. Johan Strandberg**, also from IVL, gave a comprehensive presentation about how an EDA study should be carried out, both in theory and practice. The speakers did not only strive to cover all different aspects of an EDA study, but also tried to provide a particular case, i.e., the local coal mine case. There were interactive discussions between the three speakers and the staff of the EDA Centre. In particular, Mr. Johan Strandberg argued why preliminary survey can have uttermost importance in comparison to other key steps of environmental damage assessment. His viewpoint was widely accepted by the audience. Two senior staff from the EDA Centre showed particular interests to the methodology presented by Mr. Johan Strandberg, and expressed their interests of further cooperation. In total, more than 30 participants attended the morning session, including the Chief Engineer Mr. Junfang Zhang from Guizhou EDA Centre and his colleagues.

On Thursday afternoon, a field investigation was performed at the selected local coal mine. The participants joining the field investigation included the IVL team (Mr. Johan Strandberg and Mr. Deguo Kong), the participants from the Guizhou EDA Centre, Mr. Chengde Huang from GPEEC, Ms. Xiaoyi Gao from ACEF, and the staff from the local monitoring station. **Mr. Johan Strandberg** first introduced the site and the sampling plan to all the participants. Thereafter, Mr. Johan Strandberg guided the staff from the EDA Centre for soil and sludge sampling, both for sampling and educational purpose. **Mr. Deguo Kong** accompanied the two senior staff from the local monitoring station for water sampling. The sampling campaign was considered to be very successful.

In Part 2 of the EDA Case Study Training, taking place in December 2014, focus will be on environmental damage assessment and compensation from a broad point of view using the case site and collected data as an example, including private property loss but also including measures to be taken to avoid unacceptable effects in humans or in the ecosystem. Part 2 will also present organizational set-up and best practice from other EDA centers established in China, possibly including mechanisms for financing of EDA Centre.