

Project 08/2007 – Environmental education on river remediation and ecological restoration: A case study on Shing Mun River and Lam Tsuen River

Project Number	08/2007						
Project Title	Environmental education on river remediation and ecological restoration: A case study on Shing Mun River and Lam Tsuen River						
Principal Investigator (PI)	Dr. K C Cheung, Croucher Institute for Environmental Science of the Hong Kong Baptist University						
Project summary	<p>The objectives of this study are:</p> <ol style="list-style-type: none"> 1. to quantify the sediment concentrations of Polycyclic Aromatic Hydrocarbons (PAHs), metalloids-arsenic (As), and heavy metals including lead (Pb), mercury (Hg), and chromium (Cr); 2. to investigate the fish and benthic macroinvertebrate community structures in relation to different sediment quality; 3. to provide the communities with an access to environmental knowledge, thus facilitating their understanding of the important roles of conservation and restoration. 						
Project Duration	17 months						
Proposed Budget	<p>The total budget is \$149,400, comprising the following items:</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td>Manpower (part-time student helpers)</td> <td>\$50,400</td> </tr> <tr> <td>Consumables</td> <td>\$70,000</td> </tr> <tr> <td>General Expenses</td> <td>\$29,000</td> </tr> </table>	Manpower (part-time student helpers)	\$50,400	Consumables	\$70,000	General Expenses	\$29,000
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Assessments/Remarks	Members examined the proposal at the meeting held on 10.6.2008 and requested the PI to provide more detailed information on data analyses and the proposed methodology and to advise on the result of another proposal being sent to the RGC for funding application.						

**ECF Paper 16/2008-2009
For Discussion**

	<p>The PI has responded to Members' comments and revised the proposal accordingly as per attached. The PI provided further details on sample collection and treatment. The target fish species with a similar size will be collected at all sites in both wet (June to August) and dry (November to January) seasons.</p> <p>The duration of project period and the budget remain unchanged. In addition, the PI advised that the RGC has not approved funding to the PI's proposal namely "Use of sediment quality and biodiversity to evaluate the effectiveness of stream restoration".</p> <p>Members are invited to advise whether the application for ECF should be supported and if supported, the exact amount of fund to be granted.</p>
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Secretariat, ECF Research Projects Vetting Subcommittee
August 2008