

14. "The strategic environmental assessment (SEA) is the term used to describe the environmental assessment process for policies, plans, and programmes (PPPs)" (Arce and Gullón, 2000, pp.393 ...

An assessment of the economic and environmental feasibility of a solar PV plant was conducted by (Rashwan et al., 2017) with the aim of transforming the grid into

Environmental risk assessment using different pollution indices is one of the proposed solutions in monitoring trace metals soil pollution [7]. This study aimed to determine trace metal (Pb, Cd, Cu, Zn, Cr, Ni, and Mn) contents in market gardens of Yaoundé city, and to assess trace metal pollution and ecological risk. ...

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Assessment of environmental and social impacts This step is the heart of the ESIA; it itemizes and describes the identified impacts, makes predictions in terms of their probability and assesses their significance. In accordance with the ESMS Policy Framework, the assessment should give particular attention to impacts related to the ESMS standards

Purpose Aluminum electrolytic capacitors (AECs) are a type of indispensable electronic components in modern electronic and electrical products. They are designed ...

Environmental life cycle assessment of supercapacitor or electrode production using algae derived biochar aerogel Zhixiang Jiang 1 ¹; Yihui Zou 1 ¹; Yue Li 1 ¹; Fanlong Kong 1 ¹; Dongjiang Yang 1

Presence of heavy metals in urban agriculture is considered a major ecological risk. The aim of this research is to determine concentrations and background values of heavy metals in urban agricultural soils in Yaoundé (Cameroon), in order to assess the degree of soil pollution and to evaluate ecological risk. Forty-five composite soil samples were taken from ...

Ecological Risk Assessment of Trace Metal Pollution ... 555 Table 1 Pollution and ecological risk Indices formulas and their criteria [11-15] Formulas Criteria $NPI = [0.5 (PI2_{avg} + PI2_{max})]^{1/2}$...

(DOI: 10.1595/205651321X16165776867357) The life cycle assessment (LCA) methodology which allows quantification of environmental performance of products and processes based on complete product life cycle

was utilised to evaluate the environmental burdens associated with manufacturing a 48 V lithium-ion capacitor (LIC) module. The prospective LCA compared ...

Assessment of contamination levels, potential ecological and human health risks due to trace elements pollution in the vicinity of the Lolodorf uranium deposit, Southern Cameroon ... 5 National Radiation Protection Agency, P O Box 33732, Yaounde, Cameroon. 6 Department of Physics, Bertoua Higher Teacher's Training College, University of Bertoua ...

The life cycle assessment (LCA), initially developed by the Society of Environmental Toxicology and Chemistry (SETAC) and later standardized by the ISO (ISO-14040 2006; ISO-14044, 2006), has been regarded as one of most useful methods to systematically explore the environmental performance of a product or a technology (Hellweg et al. 2014; ...

To date, no current research regarding the transition from TECS to MLCCs has been conducted from an entirely environmental viewpoint. This article identifies, quantifies, ranks and ...

The current work presents the first and comprehensive comparative LCA of two representative volumetric efficient capacitors namely MLCCs and TECs with the view to: (i) provide information to be used at the design phase of capacitors with regards to the environmental and health impacts of each component and (ii) highlight environmental hotspots ...

Article "Environmental impact assessment of aluminum electrolytic capacitors in a product family from the manufacturer's perspective" Detailed information of the J-GLOBAL is an information service managed by the Japan Science and Technology Agency (hereinafter referred to as "JST"). It provides free access to secondary information on researchers, articles, patents, etc., ...

CEIA (1998), Advisory Review of the Environmental Assessments of the Chad Export Project in Chad and Cameroon (Commission for Environmental Impact Assessment (CEIA), Netherlands). Case law: Show more

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