

**CRITERIA FOR APPOINTING ROSTER OF EXPERTS FOR
BIOSAFETY CLEARING HOUSE**

i)	GENERAL INFORMATION	
	Name of the country of the Government making appointment	Kenya
	Title of the expert and name (s)	Harrison K. Macharia
	Nationality	Kenyan
	Job Title	Chief Science Secretary
	Department	Biological Sciences
	Organization	National Council for Science and Technology.
	Street address	Off Uhuru Highway
	City	P.O. Box 30623- Nairobi GPO --00100,
	Country	Kenya
	Contact information	Cell: 254 725776434
	Fax	254 20-318249
	Email	harrison@ncstnbo.or.ke
	Website	www.biosafetykenya.co.ke
ii)	SPECIALIZATION TO BE CONSIDERED	
A	DATA MANAGEMENT AND INFORMATION SHARING	
	1) Database	√
	2) Information clearing house	√
	3) Information exchange	√
B	INSTITUTIONAL DEVELOPMENT	
	1) Project Administration	√
	2) Resource management	√
C	LEGISLATION AND REGULATION	
	1) Biosafety regulations	√
D	PUBLIC AWARENESS AND PARTICIPATION	
	1) Campaigning and Advocacy	√
	2) Public information/communication	√
H	SOCIAL AND ECONOMIC SCIENCES	
	1) Sustainable development	√
I	TEACHING AND TRAINING	
	1) Informal Teaching (e.g. workshop facilitation)	√

(iii)	<u>DETAILS OF CURRENT EMPLOYMENT</u>	
	<p>Start date of employment</p> <p>Organization type</p> <p>Main areas of responsibility</p> <p>Employment History</p> <p>Main countries/regions worked</p>	<p>2000</p> <p>Inter Government Organisation</p> <p>Coordination, Collaboration and administration in science and technological issues.</p> <p>Principal Science Secretary (2000-2004)</p> <p>Chief Science Secretary (2004-Present)</p> <p>Kenya</p>
	<u>Previous employer One</u>	
	<p>Name of employer/organization</p> <p>Job title</p> <p>Duration of time employed</p> <p>Address</p> <p>Main areas of responsibility</p>	<p>Government</p> <p>Senior Research Officer (SRO)</p> <p>1996-2000</p> <p>30623 Nairobi, Kenya</p> <p>Collaboration on environmental issues with research Institutes in Kenya</p>
	<u>Previous Employer Two</u>	
	<p>Name of employer/organization</p> <p>Job title</p> <p>Duration of time employed</p> <p>Address</p> <p>Main areas of responsibility</p>	<p>Government</p> <p>Research officer</p> <p>1981-1996</p> <p>Maji House Nairobi, Kenya</p> <p>Worked on water pollution in aquifers</p>

(iv)	PUBLICATIONS	
	<p>Three most relevant publications</p> <p>Please, list complete citations of _____ reviewed articles, books, book chapters' conference papers and other relevant publications</p>	<p>Tiwi aquifer study the MSc thesis 1988 by Harrison K. Macharia</p> <p>Paper on preliminary Environmental Impact Assessment of first Landing coastal area of Fiji (South Pacific Ocean) near Lautoka town by Harrison Macharia, Kenya (November 1997).</p> <p>Paper on High technology and developing countries by Harrison Kamau, Et al in Kingston Jamaica (August 1997).</p> <p>Paper on Information Technology and Implications for developing countries by Harrison Kamau Et al In Kingston Jamaica (August 1997).</p> <p>Paper on reforestation through agro-forestry in Kenya (June 1998).</p> <p>The Biosafety study of Kenya by Patricia Traynor and Harrison K. Macharia November 2003.</p> <p>A manual for inspection and monitoring of genetically modified organisms in Kenya by Harrison Macharia Et in Nairobi Kenya (May 2006).</p> <p>Guidelines on handling requests involving genetically modified organisms (GMOs) in Kenya by Harrison Macharia Et in Nairobi Kenya (May 2006).</p>
(v)	AWARDS AND MEMBERSHIPS	
	<p>Scientific award, professional societies honorary memberships, and membership in advisory committees/panels</p>	<p>1978-1981 University of Nairobi B.SC. Second Class Honours in Chemistry.</p> <p>1987-1988 University College London U.K M.Sc. In Hydrogeology.</p> <p>1996 Tottori University (Daigaku) Japan</p>

		<p>Certificate in Water Resources Development & its Use in Arid Areas.</p> <p>1997 West Indies University In Jamaica Certificate in Deep Sea Bed Mining.</p> <p>1997 South Pacific University in Fiji Certificate in Economic Issues on Environment & Natural Resources Management.</p> <p>2002 Attended a National Biosafety Training Workshop on Risk Assessment & Management on Biosafety in Windhoek Namibia.</p> <p>2002 – 2004 Involved in Development of the State of Environment Document in Kenya for the 2004 & 2005.</p> <p>2003 Attended a Study Tour to Biosafety Offices in Five European Countries (German, Switzerland, France, the Netherlands & Belgium).</p> <p>2003 Appointed by GTZ A Conference Secretariat for the June Bonn 2004 Renewable Energy Conference in Bonn Germany.</p> <p>2003 Appointed by USAID Kenya Mission to be the Kenyan Coordinator on Programme of Biosafety System.</p> <p>2004 Attended Group Training on Biosafety Clearing House in Kuala Lumpur, Malaysia.</p> <p>2003 Appointed by UNEP-GEF National Biosafety Framework Programme National Coordinator.</p>
--	--	--

		<p>2004 Appointed in the Kenyan Delegates to attend the Conference of Parties Serving as Meeting of Parties (COP-MOP2) in Montreal Canada – May 2005</p> <p>2005 Appointed in the Kenyan Delegates to attend the Conference of Parties Serving as Meeting of Parties (COP-MOP2) in Curitiba, Brazil. – March 2006</p> <p>2006 Spearheaded the “Creation of East Africa Science & Technology Commission” at the East Africa Community – Arusha</p>
(vi)	KNOWLEDGE OF LANGUAGES	
	Which ones do you read well, speak well, and write well	English, Kiswahili and Kikuyu.
(vii)	REFERENCES	
	List of references	<p>Professor G.K King’oriah Executive Secretary National Council For Science & Technology P.O. Box 30623, Nairobi Tel 25420336173.</p> <p>Dr. Geoffrey N. Mukabi Director Directorate Of Research Development Ministry of Science & Technology Utalii House Nairobi.</p> <p>Prof. Norah Olemba Director African Biotechnology Stakeholders Forum (ABSF) Tel 254-20-4444558 Email: absf@absfafrica.org</p>
(viii)	ADDITIONAL INFORMATION	
	Any other information relevant to your role as an expert.	<p><u>Professional Experience:</u></p> <ul style="list-style-type: none"> ❖ Coordinated the Development of the First Biotechnology Policy in Kenya. ❖ National Biosafety Clearing

		<p>House Focal Point – Kenya. ❖ National Coordinator, UNEP-GEF National Biosafety Framework Implementation.</p> <p><u>Awareness Meetings & Training</u> Organised the following awareness meetings and short training courses where I also attended as a participants.</p> <ol style="list-style-type: none"> i. Stakeholders meetings to discuss the Kenya Biotechnology policy and Biosafety bill from 2003 up to 2005. ii. Short training course on handling requests and applications of GMOS in Kenya (July 2004). iii. Training course for applicants of Biotechnology research and the regulators (October 2004). iv. Short training course to specify the role of Kenyans Competent authorities (February 2005). v. Training course on food and feeds safety (May 2005). vi. Training course for standards officers, plant and animal inspectors (July 2005). vii. Training course for field staff who are at the entry points in order to prepare them for deliberate release of GMOs in Kenya (November 2005). viii. Training course for scientists, regulators and
--	--	--

		policy makers on how to exchange information in Biosafety Clearing House (Feb.2006).
--	--	--