

# BERNARD-OLIVIER CLIST

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British and French

## CULTURAL, SOCIAL & ENVIRONMENTAL IMPACT ASSESSMENTS

### EXPERIENCE

#### 2022-2023

##### **2AC and Agence française de développement (AFD)**, Paris, France

Technical audit of the AFD funded rescue archaeology program for the Lom Pangar hydroelectricity dam project, **southern Cameroon** (2014-2019; 1.2 million euros budget). Based on the contract, analysis of the output, of the quality of the deliverables, identification of significant anomalies and weaknesses in organization, archaeological fieldwork, social mitigation and performance control.

Reference : "*Rapport final janvier 2024 : Audit du marché du sauvetage archéologique du barrage de Lom Pangar - AFD, Marché subséquent fondé sur l'accord-cadre no. GEP-2020-811*", Groupement 2AC / Cabinet Thomas Mouendé, Paris, 272 pages.

#### 2018

##### **Gent University**, Gent, Belgium

Archaeological Impact Assessment of rural development (housing, roads) and soil erosion processes in the Kongo Central province of the **Democratic Republic of Congo**.

Reference: **Clist** (B.), Bigohe (S.), Mambu (C.) & Bostoën (K.), 2018, "The bantufirst project: 2018 fieldwork report from the kongo central province of the Democratic Republic of the Congo", *Nyame Akuma*, 90, 14-22; **Clist** (B.), Béarez (Ph.), Mougne (C.), Lesur (J.), Hubau (W.), Bostoën (K.), 2023, "First archaeological excavations along the Atlantic Ocean coastline of the Democratic Republic of Congo: The Iron Age sites at Muanda", *African Archaeological Review*, 40, 711-739.

#### 2015-2017

##### **Culture Ministry of Angola**, Luanda, Angola & **UNESCO**, Paris, France

Invited by the Angolan Ministry of Culture to audit and report on the UNESCO funded archaeological excavations in Mbanza Kongo during 2011-2014. Then associated to finish and polish the Republic of Angola final report to UNESCO to get the ancient capital of the Kongo kingdom, Mbanza Kongo, onto the World Heritage List. This was effective in July 2017.

Reference: "Mission d'expertise archéologique, ville de Mbanza Kongo, République d'Angola, 8-20 novembre 2015", Culture Ministry, Angola Republic, Luanda, 50 pages (with M.C. Lopes, J. Barreira, E. Cranshof, J. Mirao, K. Karklins, K. Bostoën).

See also ICCROM's 2017 report favorable to this World Heritage List action.

**2014**

**SOFRECO**, Paris, France

1. Environmental and social impact assessment report, volume 1: Irrigation scheme in **Musakashi District, Zambia**, SOFRECO report for the Ministry of Agriculture and Livestock, Republic of Zambia (Report by B. Clist).
2. Environmental and social impact assessment report, volume 2 : Irrigation scheme in **Mwomboshi District, Zambia**, SOFRECO report for the Ministry of Agriculture and Livestock, Republic of Zambia (Report by B. Clist).
3. Environmental and social impact assessment report, volume 3 : Irrigation scheme in **Lusitu in Chirundu District, Zambia**, SOFRECO report for the Ministry of Agriculture and Livestock, Republic of Zambia (Report by B. Clist).

Reference: 1) 2014: "Environmental and social impact assessment report, volume 1: Irrigation scheme in Musakashi District, Zambia", SOFRECO report for the Ministry of Agriculture and Livestock, Republic of Zambia, 185 pages; 2) "Environmental and social impact assessment report, volume 2 : Irrigation scheme in Mwomboshi District, Zambia", SOFRECO report for the Ministry of Agriculture and Livestock, Republic of Zambia, 228 pages; 3) "Environmental and social impact assessment report, volume 3 : Irrigation scheme in Lusitu in Chirundu District, Zambia", SOFRECO report for the Ministry of Agriculture and Livestock, Republic of Zambia, 206 pages.

**2012-2015**

**Gent University**, Gent, Belgium

Archaeological Impact Assessment of rural development (housing, roads) and soil erosion processes in the Kongo Central province of the **Democratic Republic of Congo**. Equivalent to one full year residence in villages by way of a three-months mission per year.

Reference : **Clist** (B.), de Maret (P.) & Bostoen (K.) eds., 2018, *une archéologie des provinces septentrionales du royaume kongo*, Archaeopress, Oxford.

**2003**

**African International Institute**, Libreville, Gabon

Road Improvement Program, **Gabon**, funded by the Banque Africaine de Développement.

Reference : "Etude d'impact environnemental des **projets routiers N'toum-N'silé et Franceville-Kabala**, thématique archéologie et patrimoine culturel ancien", Rapport à diffusion restreinte, Etudes d'avant-projet détaillé du Programme d'Aménagement routier, République du Gabon, Libreville (Report by B. Clist).

**1995-1996**

**Fondation de la Forêt du Gabon**, Libreville, Gabon.

Social and Technological analysis of the Archaeology department and the library projects of the Foundation.

Reference : 1) "Etude de faisabilité du Pavillon Archéologie de la Fondation de la Forêt du Gabon", Rapport Fondation de la Forêt du Gabon, 9 pages ; 2) "Le Département d'Archéologie de la Fondation de la Forêt du Gabon : pré-étude", Rapport Fondation de la Forêt du Gabon, 50 pages ; 3) "La bibliothèque de la Fondation de la Forêt du Gabon : étude de faisabilité", Rapport Fondation de la Fondation du Gabon, 12 pages.

**1995**

**Ministère des Eaux et Forêts, République du Gabon**, Libreville, Gabon

Social and cultural study of the impact of a local museum planned in Koulamoutou, **Gabon**.

Reference : "Etude de faisabilité pour un musée à Koulamoutou (province de l'Ogooué-Lolo)", Rapport pour le Ministre des Eaux et Forêts de la République du Gabon" (Report by B. Clist).

1994

**Ministère de l'Habitat, du Cadastre et de l'Urbanisme, République du Gabon,**  
Libreville, Gabon

Environmental and archaeological impact study of the Awoungou urban area, Libreville, **Gabon**.  
Reference : "Rapport d'évaluation archéologique du site de lotissement d'Awoungou", Ministère de l'Habitat, du Cadastre et de l'Urbanisme, République Gabonaise, Libreville ; Clist (B.), 1995, Archaeological work in Gabon during 1993 and 1994, *Nyame Akuma*, 43, 18-21.

1994

**Amerada Hess and Gabon Vert,** Libreville, Gabon

Environmental Impact Assessment of planned onshore oil exploration, Iguela lagoon area, Iguela natural reserve, **Gabon**.

Reference: "The Mazoumbel block, logistical survey, May-June 1994", Rapport Gabon Vert, Libreville (for the Amerada Hess company) (Report by B. Clist and A. Louis); Clist (B.), 1995, Archaeological work in Gabon during 1993 and 1994, *Nyame Akuma*, 43, 18-21.

1993

**Centre International des Civilisations Bantu (CICIBA),** Libreville, Gabon

Audit of the Archaeology and Museology Department from 1985 to 1992, **Gabon and Central Africa**.

Reference : "Département d'archéologie du CICIBA : bilan de huit années d'activités 1985-1992", Rapport non publié, Libreville, Gabon, 47 pages.

1993

**British Gas,** Libreville, Gabon

Environmental Impact Assessment of planned onshore oil exploration, Abanga area, **Gabon**.

Reference: "Shallow wells archaeological survey, Abanga exploration license, British Gas, Estuaire Province, Gabon: November-December 1992", British Gas report (Report by B. Clist).

1992

**British Gas,** Libreville, Gabon

Environmental Impact Assessment of planned onshore oil exploration, Abanga area, **Gabon**.

Reference: "Report of the archaeological survey in the Abanga exploration license, British Gas: 28 April - 5 May, 12 May, and 20-23 May 1992", British Gas report (Report by B. Clist).

1991

**Conoco,** Libreville, Gabon

Environmental Impact Assessment of planned oil exploration, Ofoubou area, **Gabon**.

References: "Preliminary archaeological report of the Ofoubou survey, south Gabon", Conoco report (Report by B. Clist) & "Archaeological report of the Ofoubou survey, Ngounié province, Gabon", Final Conoco report (Report by B. Clist).

1991

**Conoco,** Libreville, Gabon

Environmental Impact Assessment of planned oil exploration, Evin Ayong river area, **Gabon**.

Reference : "Etude d'impact archéologique sur le secteur de la rivière Evin Ayong (Province de l'Estuaire, Gabon), Mars 1991", Conoco report (Report by B. Clist).

## SKILLS

### **Definition, setting up, follow-up of Environmental Impact Studies**

Environmental consulting work in Gabon for the Amerada Hess, British Gas and Conoco oil companies, in Cameroon for the Agence Française de Développement (AFD).

### **Environmental impact studies for road projects**

Work for the African International Institute, detailed design of the road development program in Gabon.

### **Logistics impact studies**

Development and carrying out logistics impact studies to identify access roads to drilling zones in protected areas: Amerada Hess company in the Petit Loango national reserve, Gabon.

### **Consultations and audits of cultural structures**

Museums, research centres, associations, ... (Angola, Cameroon, Democratic Republic of Congo, Equatorial Guinea, Gabon).

### **Central african archaeology expertise**

**Archaeological fieldwork since 1983** in Angola, Cameroon, Democratic Republic of Congo, Equatorial Guinea, and Gabon. Dozens of scientific publications on Angola, Cameroon, Equatorial Guinea, Gabon, and the Central African region.

### **Project manager**

Management and supervision of technical and scientific teams (students, associated researchers, draftsmen, technicians, secretaries, workers), monitoring of schedules, budgets, subcontractors (laboratories of absolute dating, archaeometallurgy, paleobotany, printing, publishing houses), cultural cooperation France - Gabon (implementation of the program components scientific research and cultural actions), archaeology and heritage components of the regional Bantu program of the European Union.

### **Teaching of African archaeology, computer science or the Internet**

For graduate university level : Centre National de la Recherche Scientifique (CNRS, France), Ecole des Hautes Etudes en Sciences Sociales (EHESS, France), Université Libre de Bruxelles (ULB, Belgium), Université Nationale Omar Bongo (UOB, Gabon), Universidad Nacional de Guinea Ecuatorial (UNGE, Equatorial Guinea).

### **Public outreach, external and internal communication**

External and internal, institutional and project communication (since 1991): creation and drafting of communication plans, creation of cultural events and popularization of culture (books, scientific and contemporary art exhibitions, etc.), setting up of discussion lists via e-mail, press (daily, weekly, monthly, newsletters), audio-visual, multimedia and Internet, derivative products, television and radio programs

See <http://www.clist.eu/Cv/publi.html>. Between 1980 and 2020: 110 papers in journals (several others in preparation for 2024), 50 web sites contents, 47 papers in edited books, 41 unpublished technical documents and reports, 8 books and booklets, 50 public presentations at international meetings in Africa, Europe and North America, several public exhibitions in French, English and Spanish.

## Computer science, multimedia and networks (since 1987):

Office automation, DTP, Processing and use of satellite images, Construction of Geographic Information Systems, CD-Rom project development, Local Area Network (LAN) management, design and management of documentary databases in local networks or on the Internet (address, bibliographic, cartographic, land).

Environment: PC with MS Windows 95, 98, XP, NT, Vista, Windows 10, and on the Internet using Windows or MySQL/PHP.

Software: MS Office, Pagemaker, MapInfo, ArcView, Director, MS Exchange/MS Outlook, dBase, CDS-Isis, Text, Access, MySQL, Photoshop, QGIS, ...

## EDUCATION

2005

**PhD**, UNIVERSITÉ LIBRE DE BRUXELLES, BELGIUM

Research in Gabon from 1985 to 1995. PhD volume title: "*Des premiers villages aux premiers européens autour de l'estuaire du Gabon : quatre millénaires d'interactions entre l'homme et son milieu*" (From the first villages to the first Europeans around Gabon's estuary: four millennia of interaction between man and his environment).

1999

**Certificat d'Analyste Concepteur en Systèmes d'Information (ACSI)**, AFPA SAINT JÉRÔME, MARSEILLE, FRANCE (ENGINEER OR MA LEVEL, BAC+3)

End of course thesis: "*Les Nouvelles Technologies de l'Information et de la Communication au service des Systèmes d'Information des Collectivités Territoriales*" (New Information and Communication Technologies at the service of Local Authorities' Information Systems) <http://www.clist.eu/Textes/ntic.html> : 136 web sites audited.

1982

**Master Thesis**, UNIVERSITÉ LIBRE DE BRUXELLES, BELGIUM

Laboratory research in Belgium from 1980 to 1982. MA Thesis title: "*Etude archéologique du matériel de la mission Maurits Bequaert de 1950-1952 au Bas-Zaïre*" (Archaeological study of Maurits Bequaert's 1950-1952 fieldwork in the Bas-Zaïre).

## RESIDENCE SINCE 1958

France (1958-1967), Belgium (1967-1985), Gabon (1985-1996), France (1996-2011), Belgium (since 2011).

## LANGUAGES

**Fluent:** French and English (speaking, writing, reading); **Knowledgeable:** Portuguese, Spanish and Italian (writing, reading, speaking); **Elementary:** German (reading).

## PUBLICATIONS AND REPORTS

**Environmental Impact Assessments, Public Outreach, Internet and Archaeology**

Full list: <http://www.clist.eu/Cv/publi.html>