

Curriculum Vitae

1. **Family name:** HOLTZMANN
2. **First names:** Kay (Mr.)
3. **Date of birth:** April 27th 1956
4. **Passport holder of:** Germany, passport no. C2FT33KHC
5. **Education:** Geologist
- 6.

<i>Institution [Date from – Date to]:</i>	<i>Degree(s) or Diploma(s) obtained:</i>
Free University, Berlin, Germany [1977-1986]	Diploma in Geology / Palaeontology (equivalent to Master's degree)

7. **Language skills:** competence on a scale of 1 to 5 (1 - excellent; 5 – basic)

<i>Language</i>	<i>Reading</i>	<i>Speaking</i>	<i>Writing</i>
German (Mother tongue)	1	1	1
English	1	1	1
Spanish	4	5	5
French	4	5	5

8. **Membership of professional bodies:**

- German Geological Society

9. **Other skills:**

- Over 25 years of international experience in the field environmental engineering/geology
- Extensive experience in waste management, supervision and controlling of sanitation projects, expert reports in the environmental field
- Accredited Waste Manager according to the German legislation
- Health and safety advisor for projects in contaminated environments (Accredited according to the German legislation)
- Hydrogeologist
- Pedologist (soil expert)
- International large scale projects
- Project management
- Project supervisor
- Field supervisor
- Environmental Impact and hazard Assessment (EIA)
- Environmental-Due-Diligence-Reports for buildings and industrial facilities
- Fully computer literate
- Reporting skills

Home-page: www.kay-holtzmann.de

10. **Present position:**

- Freelance Independent Consultant

11. *Professional experience:*

<i>Date from - Date to:</i>	<i>Location:</i>	<i>Company & Reference Person (name & contact details):</i>	<i>Position:</i>	<i>Description:</i>
05/2015-ongoing	Port Harcourt, Nigeria	Dr. David Little, UNEP consultant Tel+44 7977 995 287	Project Director for the Bodo Creek Clean-up Project	<p>Accountable for overall delivery of the project in accordance with the agreed Remedial Action Plan. Size of area is about 1000 hectares in Bodo creek.</p> <p>Primary point of contact and interface with the Bodo Mediation Executive Steering Committee and external Stakeholders.</p> <p>Responsible for overall project management and delivery of the project in accordance with the agreed Remedial Action Plan and within agreed budget.</p> <p>Primary point of contact with the Project Engineers & Supervisors, responsibility for financial control of project budget and management of contractual issues between the Bodo Mediation Project Execution Team and Contractors.</p> <p>Dual function as project process owner and contract holder with responsibility for the planning, execution and management of the project works and reporting to the Bodo Mediation Technical Working Committee and Executive Steering Committee.</p> <p>Management of any other process that will ensure the implementation of the clean up and remediation of Bodo creek in a technically sound, and environmental friendly manner in accordance with international standards and global best practices.</p>
01/2013	Berlin, Germany	acvialle@unicef.org +243 (0) 99 290 86 90	Consultant	Draft of a project study for an UNICEF project - Water Safety Framework for the “Healthy Villages and Schools” program in the DRC (Kinshasa)– Program WASH
08/2012-09/2012	Pointe Noire, Dem. Rep. Of Congo	Fugro Consult	Field Supervisor, HSE Representative	ENI Tar Sand Project, Mboundi, Field Supervisor and HSE Representative, Health and Safety in the field, Services rendered: Supervision of environmental objectives and standards, HSE-training of staff, tool box meetings, HSE administration and documentation for clients

<i>Date from - Date to:</i>	<i>Location:</i>	<i>Company & Reference Person (name & contact details):</i>	<i>Position:</i>	<i>Description:</i>
05/2011-06/20011	Switzerland	UNEP Geneva, muralee.thumma@unep.org	Expert	Preparation, organisation and execution of a one week training course for Chinese environmental experts and administrative delegates. Services rendered: Preparation of the course, support services for the delegates and presentation of expert reports. Sites visited: “Kölliken dump” for industrial waste, Switzerland, “Ecological large scale project Berlin, Germany” (several sites), “Harz-Metall”: former metal processing plant, Goslar, Germany. Delegates from the institutions (inter alia) Research Institute of Solid Waste Management, Chinese Research Academy of Environmental Sciences (CRAES), College of Construction and Environment, Sichuan University, Chengdu, Sichuan Environmental Protection Bureau, Research Academy of Environmental Sciences of Qinghai Province
02/2011-04/20011	Berlin, Germany	UNEP Geneva, muralee.thumma@unep.org	Expert	Preparation of guidelines: “Introduction to international Environmental Quality Standards for aliphatic and aromatic Hydrocarbons in Soil, Groundwater and Drinking Water under special Consideration of the environmental Situation in the Niger Delta”
01/2010-08/2011	Port Harcourt Nigeria	UNEP Geneva, muralee.thumma@unep.org	Expert, Consultant	Large Scale Environmental Reconnaissance Project description: Large scale environmental reconnaissance (phase 1 and 2) and proposals for further survey and later remediation in Ogoniland, River State, Nigeria. Services rendered: standard operation procedures, Evaluation of phase 1 sites, prioritisation of contaminated sites, training of local staff in field operations, sampling methodology & techniques, environmental awareness rising among local population for WASH , health & safety in the field, project management outlines, supervision of drilling campaign, data collection from local experts, hydrogeology, soil science
10/2009-12/2009	Port Harcourt Nigeria	UNEP Geneva, muralee.thumma@unep.org	Expert, Consultant	Large Scale Environmental Reconnaissance, 1. Field visit to Ogoniland Project description: Large scale environmental reconnaissance (phase 1) Services rendered: Standard Operation Procedures, Training of local staff in field operations, sampling methodology & techniques, hydrogeological target identification for further survey, health & safety in the field, project management outlines,
09/2007 – 03/2008	Switzerland	UNEP Geneva	Expert, Consultant	Large Scale Environmental Survey of Ogoni in the Niger delta Project description: Large scale environmental survey on waste management and environmental damages caused by exploration and production activities by oil producing companies in Niger delta Services rendered: Preparation of Standard Operation Procedures, technical specifications and project management outlines , general introduction to the project and UN safety standards in several work shops

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05/2007 - 10/2008	Germany	GSU mbH mathiasfailing@gsu.de	Supervisor	Palast der Republik (former cultural and administrative centre of the GDR) Project description: Asbestos-sanitation in the facility Services rendered: Supervision of the implementation of sanitary measures and documentation
04/2006 - 03/2008	Germany	Gunnar Reich Co. gunnar-reich@freenet.de	Project Manager	Senate of Berlin: Investigation and Sanitation of a Groundwater-Contamination by High Volatile Hydrocarbons at the “Rainbow Factory” Services rendered: Project implementation and management, controlling and supervision, geology/hydrogeology
02/2006-04/2008	Germany	Sonderabfalldep onie Wetro karsten- maenz@gmx.de	Project Manager	Closure of the industrial dump “Thonberg” Services rendered: Project management and planning, geology/hydrogeology
2004 - 2004	Germany	IUP GmbH	Environmental Expert	Survey of 100 sub-Sites of the Petrochemical Plant Schwedt Services rendered: Evaluation of expert reports on the environmental hazards for an oil refinery, assessment of the extent of the damage due to contamination of groundwater with a financial risk for the client of up to 240M€
08/2003 - 03/2005	Germany	Brandenburgische Boden Gesellschaft für Grundstücksverwaltung und – verwertung mbH (BBG) andreas.isenberg@bbg-immobilien.de	Waste Manager, Project Leader	Ministry of Finance of the Federal State of Brandenburg – Former Russian Army Airfield Project description: Remediation and hazardous waste management on the former army airfield in Neuruppin, Germany Services rendered: Preparation of technical specifications for procurement, cost calculations for remedial action, tendering for remediation services and procurement of the equipment, preparation of ToR for the contractors, funding applications, project implementation management, controlling and accounting
2003 - 2005	Slovak Republic	DOR, HDO	Project Manager	Galvanic plants in Povazska Bystrica and in Myjava, Slovak Republic Services rendered: Environmental Impact Assessment (EIA) and Environmental Due Diligence reports

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2003 - 2003	Germany	Dre-con	Consultant	Metal Processing Plant in Eberswalde Services rendered: Environmental Impact Assessment
2002 - 2005	Germany	SGSG karsten-maenz@gmx.de	Controller	Free State of Saxony - Sanitation of a former site for the delaboration of explosives in Elsnig. Services rendered: Controlling and supervision - Sanitation of Dumps for Tar-Products in Laut: Services rendered: Controlling and supervision - Former 'Aropharm' Plant in Riesa. Services rendered: Environmental Impact Assessment for the chemical dump
2001 - 2004	Germany	BBG andreas.isenberg@bbg-immoo.de	Project Leader	Ministry of Finance of the Federal State of Brandenburg - Former Russian Military Airport Oranienburg. Services rendered: Project management for the remediation and conversion of the military brown-field for a communal use in combination with public funded support for unemployed persons - Installation of plants to generate renewable energy (wind and solar power) on closed waste dumps: Project implementation management - EIA for a bulk fuel storage in Niedergörsdorf, environmental expert report - Support to BBG, the Federal State of Brandenburg institution for the conversion and marketing of former Russian military sites . Project-concept for a BBG proposal for a government funded research campaign on the Niedergörsdorf site
1996	Germany	Treuhandanstalt Friederike.Zumloh@kwsberlin.de , Tel. +49 (0)30 26399630	Chief of Project	Ecological Large-Scale project Mansfeld Project description: Mansfeld was the former mining district and processing centre for copper ore in the GDR Duties: Project leader of the investment plan "Mansfeld Copper and Brass Ltd." Planning, management, coordination and controlling of measures to dispose dangerous waste from the past and to re-developing the site, implementation of sanitary measures to improve the ecological situation of the region, management plans for the supply with potable water and the renaturation of surface waters, monitoring & evaluation of projects funded by "Treuhandanstalt"

<i>Date from - Date to:</i>	<i>Location:</i>	<i>Company & Reference Person (name & contact details):</i>	<i>Position:</i>	<i>Description:</i>
04/1992 - 03/2000	Germany	Treuhandanstalt	Project Manager, Project Leader	“Treuhandanstalt” (German Government) Special directorship concerned with Environmental Problems and Dangerous Waste from the Past after the Reunification of Germany Project description: Solutions for environmental problems which could endanger potential investments and the privatisation of former governmental enterprises in the former GDR Duties: Evaluation and comments on over 1.000 expert reports from the environmental field, project management, accounting
1989 - 1992	Germany	Noell Environmental Services	Project Manager	Duties: Waste management, implementation supervision and controlling of sanitation projects , expert reports in the environmental field, Health & Safety advisory services for projects in contaminated environments, EIA, revitalisation of industrial brown fields, organisation and supervision of survey projects and drilling campaigns
1987	South Africa	Kloof Gold Mine Research Centre	Junior Geologist	Duties: Working in a special department handling environmental problems, stoping, underground survey, survey and management environmental impact caused by the mine, management of compensation measures

12. Other relevant information:

- **Holtzmann, K., 1999:** “The migration of liquid petroleum products in soil and groundwater bearing sediments derived from the screening of more than 400 petrol stations and bulk fuel storage depots”. Altlasten Spektrum, vol. 6/99, p. 367-376 (in German).
- **Holtzmann, K., 2003:** “About an ecologically and economically balanced frame of measures for the revitalisation of brown-fields shown by the example of a site in the City of Berlin”. Altlasten Spektrum, vol. 3/03, p. 151-155 (in German).
- **Holtzmann, K., 2003:** “The Spatial Distribution of PHC in Quaternary Sediments beneath Fuel-Stations and Bulk-Fuel-Storage-Sites in Central and Northern Germany”, Oil – Gas European Magazine, Vol. 9.. (in English).
- **Thiergärtner, H.; Holtzmann, K.:** Mathematically aided risk assessment of crude oil contamination in Ogoni, Nigeria. Part 1. Geo-ecological characterization of the pollution. OIL GAS European Magazine, Urban-Verlag, Hamburg/Wien, vol.37, 3/2011, p. 143–147.
- **Thiergärtner, H.; Holtzmann, K.:** Mathematically aided risk assessment of crude oil contamination in Ogoni, Nigeria. Part 2. Generalizing statistical analysis of the pollution. OIL GAS European Magazine, Urban-Verlag, Hamburg/Wien, vol.37, 4/2011, p. 208–211.
- **Thiergärtner, H.; Holtzmann, K.:** Mathematically aided risk assessment of crude oil contamination in Ogoni, Nigeria. Part 3. Spatial model of the multiple contamination. OIL GAS European Magazine, Urban-Verlag, Hamburg/Wien, vol.38, 1/2012, p. 143–151.
- **Thiergärtner, H.; Holtzmann, K., 2014:** “Modeling and preliminary assessment of crude oil contaminated soil in Ogoni (Nigeria)”. Altlasten Spektrum, vol. 2/2014, p. 59-69 (in English).