

**Proposed position:** Oil Spill consultant

**Name of firm:** OTRA, 17, rue François Villon, 29200, Brest, France

**Name of staff:** Lindsay PAGE-JONES  
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**Date of birth:** 26/ 11/ 1973                      **Nationality:** French

**Education:**

- 2006: PhD in Coastal Geography, Université de Bretagne Occidentale, Brest – FRANCE
- 1996: master in Coastal Geography, after 8 months secondment in French specialized institute in accidental marine pollution “Cedre” ([www.cedre.fr](http://www.cedre.fr)).
- 1991: Baccalauréat Serie C - (Pre-university exam - Speciality Maths and Physics), France.

**Other training:** IMO 1, 2 and 3 oil spill response certified trainer (Approval by French Secrétariat Général de la Mer, 2013)  
BST/HUET  
Boat permit (for non-commercial vessels up to 25 DWT)  
Radio operator permit (VHF/ BLU)  
Safety in oil industry facilities (France) Level 2  
International driving license N° 589-2009 (“B” vehicles)

**Countries of work experience:** France, Malta, Montenegro, Albania, Romania, Turkey, Lebanon, Israel, Egypt, Libya, Tunisia, Morocco, Cape Verde, Mauritania, Senegal, Guinea (Conakry), Ivory Coast, Togo, Benin, Ghana, Cameroon, Nigeria, Sao-Tome-e-Principe, Congo Brazzaville, Democratic Republic of Congo, Angola, Namibia, South Africa, Mauritius, Madagascar, Seychelles, Djibouti, Saudi Arabia, Yemen.

**Languages:** French: mother tongue  
English: speaking, reading, writing

**Employment record:**

<i>From:</i> 2003	<i>To:</i> today
<i>Employer:</i>	<b>OTRA</b>
<i>Position held:</i>	Oil spill technical advisor, Trained as a coastal geographer, Lindsay Page-Jones has joined OTRA in February 2003. Since then, he has participated in various activities: oil spill contingency planning, training and exercise sessions, oil spill contingency plans development seminars at national level, Project Implementation Plan for oil spill response capabilities of countries, development of “Train the Trainers” material, development of coastal sensitivity Geographical Information System, development of web site for oil spill response, participation in oil spill response operations.

**Tasks assigned and Work undertaken** (See next pages)

**Contingency  
planning and  
training/exercise  
for the oil industry**

- Update of Total E&P Angola Oil Spill Contingency Plan: FPSO, Drilling Units, Affiliate, operational procedures, instructions for equipment (2011-2012)
- Participation to the LULA Full Scale Exercise for Total E&P Angola (3 days exercise, blow-out based scenario)
- Review of the GIS specification for TOTAL DGEP/HSE/ ENV “Spécification Générale/ Environnement, Développement d'un SIG Environnemental et Sociétal” (2010)
- Update of the AL JURF Oil Spill Contingency Plan for Mabrouk Oil Operations (Libya, 2008) including:
  - Offshore and General Affiliate oil spill contingency plans, Operational procedures and Onshore and Offshore Oil Spill Response Handbook
  - Oil Spill Coastal Sensitivity maps (helicopter survey, use of GIS)
- Development of oil spill response operational procedures for the port of Bal Haf for YEMGAS LNG plant (with Le Floch Depollution, Yemen, 2008) including:
  - Organisation and running of a “port containment and recovery” exercises
- Development of the Oil Spill Contingency Plan, Response Handbook and Coastal Sensitivity maps for Midia Marine Terminal of Rompetrol (Romania, 2007) including:
  - Training of personnel (operators, On-Scene-Commanders and managers)
  - Organisation and running of exercises: “offshore containment / recovery”, “port containment / recovery” and “beach cleanup” (with Le Floch Depollution)
  - Development of operational procedures and maintenance programme for the oil spill response equipment
- Participation in the revision of the Total Exploration & Production Cameroun oil spill contingency plan (in collaboration with Cedre, 2006)
- Development of the DALIA FPSO Oil Spill Contingency Plan for TOTAL Exploration & Production Angola (2005, 2006)
- Coordination of the update of the Oil Spill Contingency Plans of GIRASSOL FPSO, of Block 3 operations, of SOYO operations and of Affiliate for TOTAL Exploration & Production Angola (2005, 2006) including:
  - Oil Spill Response Handbook
  - Oil spill coastal sensitivity mapping

**Contingency  
planning for  
states and local  
authorities**

- Development of the Oil Spill Contingency Plan for the port of Pointe-Noire, Republic of Congo (2013-2014)
- Oil spill consultant for the GEF-Western Indian Ocean marine highway development and coastal and marine contamination prevention project, GEF-WIOMHD », for Kenya, Tanzania, Mozambique, South Africa, Comoros, Madagascar, Seychelles and Mauritius (2010-2012 Project):
  - review and update of the National Oil Spill Contingency Plans of Madagascar, Seychelles and Mauritius.
- Review of the National Oil Contingency Plan of Morocco (2011-2014)
- Development of the PLAN POLMER, National Oil and Hazardous and Noxious Substances Spill Contingency Plan for the Republic of Djibouti (PERSGA, 2009)
- Participation in the reviewing of the National Oil Spill Contingency Plans for the Western Indian Ocean Islands (Madagascar, Mauritius, Seychelles, Comoros) and of their Regional Oil Spill Contingency Plan (2003, 2004)
- Participation in the development of the Contingency Plan for the port of Nador (Morocco, 2003)

**Oil spill response and preparedness operations**

- Total E&P Angola oil spill response advisor (2010-2015): contingency planning, training, exercise and oil spill response (aerial surveillance, offshore On Scene Commander)
- AL JURF (Mabrouk Oil Operations, Tripoli, Libya): assistance to TOTAL in Libya for re-enforced preparedness, management of external assistance mobilized in Tripoli (Oil Spill Response Ltd) and preparation of specific contingency plan following an increased risk of blow-out due to a drilling incident (5 months, May to December 2008)
- TOTAL refinery accidental spill, Donges, France, 2008: team leader for shoreline cleanup (rip-rap, beach and quayside), reporting (April 2008)
- JYEH power plant bombing, Tripoli, Lebanon, 2006: team leader for shoreline cleanup (beach and rocky shore), reporting and mapping (Nov. 2006)
- HAPPY BRIDE, Donges, France, 2006: team leader for shoreline cleanup (rip-rap, quayside), reporting and mapping (Jan. to march 2006)

**National/ Regional seminars, workshops, trainings and exercises**

- Oil spill consultant for the GEF-Western Indian Ocean marine highway development and coastal and marine contamination prevention project, GEF-WIOMHD », for Kenya, Tanzania, Mozambique, South Africa, Comoros, Madagascar, Seychelles and Mauritius (2010-2012 Project).
  - IMO 1, 2 and 3 training, and “Train The Trainers” sessions,
  - National Full Scale Exercises in Madagascar, Seychelles and Mauritius.
- Facilitator for Regional workshops:
  - GI WACAF Sub-Regional Workshop on the Mechanisms of Cooperation and the Effective Implementation of Incident Management System (October 2012, Walvis Bay, Namibia)
  - “Regional contingency planning for the Red Sea and Gulf of Aden” organized by PERSGA (Egypt, 2010)
  - “Biennium of the IMO/ IPIECA Global Initiative for Western and Central Africa” (Congo, 2007, Cameroon 2009)
- Facilitator for National workshops for the development of National Oil Spill Contingency Plans (Guinea-Conakry, 2003, Ivory Coast, 2008, Senegal, 2008, Nigeria, 2008, Togo, 2009, D. R. Congo, 2009, Sao-Tome-e-Principe, 2009, Benin, 2009, Djibouti, 2010)
- Facilitator for national IMO Level 3 oil spill response training course:
  - Montenegro, 2006, Albania, 2006 (organized by REMPEC)
  - Libya, 2006 (organized by the Libya Environmental General Authority)
  - Mauritania, 2004, Congo-Brazzaville, 2004, D. R. Congo, 2007 (organized by the “IMO/ IPIECA Global Initiative for Western and Central Africa”)
- Facilitator for IMO level 2 oil spill response regional training for the Red Sea and Gulf of Aden organized by PERSGA (Egypt, 2010)
- Development of “Train the Trainers” material for the Western Indian Ocean Islands (2003) and participation in the Train the Trainers session (Mauritius, 2003)
- Facilitator for national or regional level oil spill coastal sensitivity mapping workshops
  - Regional workshop for the Red Sea and Gulf of Aden, organized by PERSGA (Egypt, 2009)
  - Regional workshop for the Black Sea, organized by OSPRI (Turkey, 2007),
  - Regional workshop for the Western and Central Africa, organized by the “IMO/ IPIECA Global Initiative for Western and Central Africa” (Ghana, 2007),
  - National workshops (for Cameroon in France, 2007, Ivory Coast, 2008, Morocco, 2008, Benin, 2009)
- Facilitators for national or regional level exercises (organisation and running)
  - National full scale exercise (in the framework of “IMO/ IPIECA Global Initiative for Western and Central Africa” framework) including the oil industry in Congo (Pointe-Noire, 2009)
  - Regional full blown exercise (onshore and offshore equipment deployment) between Madagascar, Mauritius, Seychelles and Comoros (Mauritius, 2003)
  - Regional table top exercise between Madagascar, Mauritius, Seychelles, Comoros (2003)

<p><b>Mapping of oil spill coastal sensitivity (GIS based)</b></p>	<ul style="list-style-type: none"> <li>• Development of a socio-environmental coastal sensitivity GIS for Northern Angola for TOTAL DGEP/HSE/ ENV (2010)</li> <li>• Republic of Djibouti (PERSGA, 2009)</li> <li>• Western Libya, from Libya-Tunisia border to Misratah for Total E&amp;P Libya (2008)</li> <li>• Romania, from North of Midia to South of Constantza for RomPetrol (2007)</li> <li>• Atlas POLMAR “Département du Pas-de-Calais and of “Département du Nord”, France (for the Regional Environment Direction of Nord – Pas-de-Calais, 2006)</li> <li>• Northern Angola (for TOTAL Exploration &amp; Production Angola, 2006)</li> <li>• Mauritius Island (for the Mauritius national authorities, 2004)</li> <li>• Northern Angola (for Chevron, 2003)</li> <li>• Atlas POLMAR “Département de la Manche”, with Kerambrun L., David L., Rebout C. Cedre, Contract Cedre-DPNM 95 22 14</li> </ul>
<p><b>Web site for oil spill preparedness and response</b></p>	<ul style="list-style-type: none"> <li>• Development of the Internet-based “Mediterranean Waste Management Decision Support Tool” For the Regional Marine Pollution Emergency Response Centre for the Mediterranean Sea – REMPEC (2010)</li> <li>• Development of web sites dedicated to oil spill response management for Rompetrol (Romania, 2008)</li> <li>• Participation in the development of ARGEPOL system for the French authorities (live internet-GIS based spill and response monitoring system) with Cedre (2005)</li> <li>• Participation in the development of the web site for the Global Initiative for the Western and Central Africa – GI WACAF (2007) : <a href="http://www.giwacaf.org">www.giwacaf.org</a></li> <li>• Development of web sites dedicated to oil spill response management for Chevron – Angola (2004)</li> </ul>
<p><b>Project documents and development of tools</b></p>	<ul style="list-style-type: none"> <li>• Development of IMO/ IPIECA “Oil Spill Sensitivity Mapping For Oil Spill Response” (to be published, 2010)</li> <li>• Development of IMO “Guidelines on Waste management of Oil Spills” (to be published, 2010)</li> <li>• Development of “Mediterranean Waste Management Study And Decision Support Tool” For the Regional Marine Pollution Emergency Response Centre for the Mediterranean Sea – REMPEC (in collaboration with Cedre, 2008)</li> <li>• Participation in the “Study for the management of oily wastes generated by the cleaning operations of the Lebanese coast following the oil spill of JIYEH” (with Antéa and Cedre, 2007)</li> <li>• Environmental study of the opportunities of implementing wind farms on the French coast (2007)</li> <li>• Development of national Project Implementation Plan to implement national oil spill contingency plans and reinforce national response capabilities (Angola, 2005, Mauritania, 2005)</li> </ul>

**Publications:**

- **"LULA" Large Scale Oil Spill Response Exercise: a Unique Opportunity to Test a Full Set of Spilled Oil Monitoring and Modeling Techniques**, C. Michel, Total E&P Angola, L. Cazes, Total E&P Angola, C. Eygun, Total E&P Angola, L. Page-Jones, OTRA, J.Y. Huet, OTRA, SPE Annual Technical Conference and Exhibition, Amsterdam, the Netherlands, 27–29 October 2014, 25 p.
- **Response to a major oil spill from a blow-out incident: the Very Full Scale Exercise “LULA”**, C. Eygun, Total E&P Angola, L. Cazes, Total E&P Angola, C. Michel, Total E&P Angola, J.Y. Huet, OTRA, L. Page-Jones, OTRA, SPE African Health, Safety, Security, and Environment and Social Responsibility Conference and Exhibition, Nairobi, Kenya, 10–12 June 2014, 13 p.
- **LULA Exercise: Testing the oil spill response to a deep sea blow-out, with a unique combination of surface and subsea response techniques**, C. Michel, Total E&P Angola, L. Cazes, Total E&P Angola, C. Eygun, Total E&P Angola, L. Page-Jones, OTRA, J.Y. Huet, OTRA, International Petroleum Technology Conference, Kuala Lumpur, Malaysia, 10-12 December 2014., 17 p.

- **Sensitivity mapping for oil spill response**, OGP Report Number 477, Date of publication: July 2012, IPIECA/IMO/OGP 2011, 36 p.
- **Guide for Oil Spill Sensitivity Mapping and its Integration into Preparedness and Response Systems in the West and Central Africa (WACAF) Region**, GI WACAF project, IMO / IPIECA, 2008,
- **Mediterranean Oil Spill Waste Management Guidelines**, MEDITERRANEAN ACTION PLAN (MAP) REGIONAL MARINE POLLUTION EMERGENCY RESPONSE CENTRE FOR THE MEDITERRANEAN SEA (REMPEC), Regional Information System, Part D, Section 12 – RIS/D/12, www.rempec.org, May 2011, 133 p.
- **Géomorphologie et gestion des littoraux de l'île d'Ambon, Indonésie**, Pattinaja Y. and Page-Jones L., 1998, Poster presented at the forum of the *Ecole Doctorale des Sciences de la Mer* at the European Universitarian Institute of the Sea, Brest, France
- **Oil spill preparedness : an operational atlas for french local authorities**, Kerambrun L., David L., Rebout C. and Page-Jones L., 1997, International Oil Spill Conference Proceedings, p. 919-920
- **Carte des courants de marée de l'Arc Atlantique. Atlas Permanent de la Mer et du Littoral**, Page-Jones L., 1996, n°2, CNRS-URA 904 / EDITMAR, p.5

### Certification

I, the undersigned, certify that to the best of my knowledge and belief, this CV correctly describes myself, my qualifications, and my experience. I understand that any wilful misstatement described herein may lead to my disqualification or dismissal, if engaged.

**Signature of staff member or authorized representative of the staff**

Lindsay PAGE-JONES, 01/04/2015



**Full name of authorized representative:**

Jean-Yves HUET, director of OTRA

