

3. **Name of Expert** [*Insert full name*]: Bogdan OPREA

4. **Date of Birth** 29 January 1966 **Citizenship** Romanian

5. **Complete personal contact details** [*Include complete address and telephone number/email address*]:

6. **Education** [*Indicate college/university and other specialized education of expert, giving names of institutions, degrees obtained, and dates of obtainment*]:

- Institute of **Civil Engineering** Bucharest, Faculty of Railways, Road and Bridges – 1984 – 1990; graduating in 1990, with A graduation – **C.Eng in Civil Engineering**
- I.N.S.A.( *L'Institute Nationale de Science Appliques* -Applied Science National Institute) -Lyon, France “Civil Works: Soils, Materials, Structures, Physics of Civil Works” -1993. – obtaining the academic title of DEA (*Diplome d'Etudes Aprofondies*) de INSA de Lyon – **B.Sc in Civil Engineering**
- Computers Preparation Centre S.A., Bucharest – 1998

7. **Membership in Professional Associations:**

- **Dispute Resolution Board Foundation** (Listed on the DRBF President's Dispute Board Member List) – since 2006
- Listed on the FIDIC Romanian National List of Adjudicators; Trainer for FIDIC Conditions of Contract
- Listed on DRBF dispute boards as dispute board member
  
- **Colegiul Mediatorilor All Experts** - Expert in the frame of providing consultancy and advice in **civil engineering/contract management/dispute resolution** matters in international construction industry – since 2005
- **Romanian translation group of the FIDIC Contracts**
- **Listed on Romanian Association of Mediators as accredited mediator**

8. **Other Training** [*Indicate significant training since degrees under 6 - Education were obtained*]:

- Attending of courses of “Etudes Aprofondies” (Nov. 1992 - Aug. 1993), at “L'Institute Nationale de Science Appliques - Lyon, France”;
- May - June 1993 Great Britain, Bath, City of Bath University - management, marketing, computer editing studies, AutoCAD 12, (TEMPUS-EUROHOT -Program)
- February 1998, Bucharest - FIDIC course training with W.S. ATKINS
- May-June 1998, Computers Preparation Centre S.A., Bucharest
- Training courses on “Construction **Supervision**” and management organized by Louis Berger SA
- Course on - FIDIC **Claims resolution** – organized by ECV and FIDIC in Bucharest September 2003
- Training under the mentoring scheme initiated by Mr. Gwyn Owen for **arbitrators / adjudicators / facilitation / mediation under FIDIC organization** (2006-2007)
- Training under the Romanian International Chamber of Commerce for harmonization of the FIDIC rules and the actual legislation
- Training under ARIC for the formation of the National List of **Adjudicators** in Romania
- Training in **Claims and Disputes** course organized by ECV and FIDIC 2006-2007 (all 4 modules) including “The Responsibilities and Duties of **Adjudication** and Dispute Boards (DB) under FIDIC (1999 Edition) and MDB Contracts”
- Training under DRBF “Chairing and single member Dispute Board workshop” May 2007
- Training in Project Management in Construction, June 2008

- Training in Project Scheduling Technique, May, 2009
- Training in Project risk Management, February 2011
- Published as author “Dispute Adjudication Boards – Practical Aspects”, ISBN 978-973-100-374-0, Conspress Printed, 2015

**9. Countries of Work Experience:** *[List countries where expert has worked in the last 10 years]:*  
Romania, Luxembourg, Nigeria, Uganda, Brazil, India, Singapore, Qatar, Kuwait, Saudi Arabia, Moldova, Kazakhstan

**10. Languages** *[For each language indicate proficiency]:*

Language	Level of Proficiency (Mother tongue, Excellent, Good, Fair, Poor)		
	Speaking	Reading	Writing
Romanian	Mother tongue	Mother tongue	Mother tongue
English	Excellent	Excellent	Excellent
French	Good	Good	Good

**11. Employment Record** *[Starting with present position, list in reverse order every employment held by expert since graduation, giving for each employment (see format here below): dates of employment, name of employing organization, positions held.]:*

**Date:** April 2014 - 2002  
**Location:** Romania  
**Position:** **Adjudicator**  
**Projects:** Water alimentation system – cohesion funds – Yellow book

**Date:** September 2016 - present  
**Location:** Uganda  
**Position:** **Adjudicator 4 contracts**  
**Projects:** Water alimentation system –WB projects

**Date:** February 2014 - 2016  
**Location:** Romania  
**Position:** **Adjudicator**  
**Projects:** Water alimentation system – cohesion funds – Red book

**Date:** October 2013 – 15 January 2020 with a break between 2014-2015  
**Location:** Luxembourg and Romania  
**Position:** **Senior Engineer**  
**Employer:** **European Investment Bank (EIB) FIDIC Expert Claim Expert Roads Sector in Romania**  
**Tasks:**

1. Involved in the implementation of UE funded contracts
  - a. During execution of contracts
  - b. Opinions on claims
  - c. During defect notification period

- d. Elaboration of contracting strategies for future projects financed by EU
- 2. Part of the task group regarding implementation of the ex ante conditions
  - a. Performance contract between CNAIR and Ministry of Transport
  - b. Adaptation of FIDIC 1999 Conditions of Contracts to Romanian legislation
  - c. Part of the group involved in preparation of National Contracts Government Decision no.1.2018
- 3. Involved in negotiations between the Employer (IFIN-HH) and Contractor (EuroGamma) for gamma raze

**Date:** March 2013 - 2018  
**Location:** Romania  
**Position:** **Adjudicator 6 Contracts**  
**Projects:** Water alimentation system – cohesion funds – Red book and Yellow book

**Date:** August 2013 –  
**Location:** Romania  
**Position:** **Adjudicator**  
**Project:** **Ministry of Justice rehabilitation buildings – WB – MDB Book**

**Date:** September 2011  
**Location:** Romania  
**Position:** **Mediator**  
**Project:** ISPA Railway Corridor in Romania

**Date:** August 2011- September 2013  
**Location:** Romania  
**Position:** **Contract – Claim Expert**  
**Projects** 2 EU projects DN6 and 1 EIB Project DN18 FIDIC 99 Red and Yellow Book

**Date:** September 2010 -Present  
**Location:** Romania  
**Position:** **Adjudicator**  
**Project:** Rehabilitation of access road and execution of bio-plant – FIDIC 99 Red book

**Date:** August 2010 – September 2012  
**Location:** Romania  
**Position:** **Adjudicator**  
**Project:** Rehabilitation of Rupea infrastructure - FIDIC 99 Red book

**Date:** September 2009  
**Location:** Romania  
**Position:** **Mediator**  
**Project:** Construction of BAMESA project in Topoloveni

**Date:** March 2009 – September 2012  
**Location:** Romania  
**Position:** **Adjudicator**  
**Project:** Rehabilitation of drinkable water system in Neamt - FIDIC 99 Red book

**Date:** April 2009 – August 2012  
**Location:** Romania  
**Position:** **Adjudicator**  
**Project:** Rehabilitation of water sewage system in Neamt - FIDIC 99 Red book

**Date:** May 2008 – August 2013  
**Location:** Romania  
**Position:** **Adjudicator**  
**Project:** Rehabilitation of NR6 - ISPA project - FIDIC 99 Red book

**Date:** June 2008 – January 2009  
**Location:** Romania  
**Position:** **Adjudicator**  
**Project:** Construction of roadside areas for weighing of heavy goods vehicles - PHARE project - FIDIC 99 Red book

**Date:** May 2008 – May 2012  
**Location:** Romania  
**Position:** **Adjudicator**  
**Project:** Construction of Adunatii Copaceni By-pass and rehabilitation of existing road through Adunatii Copaceni - ISPA project - FIDIC 99 Red book

**Date:** July 2007 – present  
**Location:** Romania  
**Company:** AB Resolution – owned company  
**Position:** General Manager  
**Description:** **Adjudicator, Claims review expert, negotiator, facilitator, mediator, contract specialist, claim analyst** in various works contracts, providing training in FIDIC conditions of contract **dispute resolution** using dispute boards under FIDIC forms of Contract

**Date:** December 2003 – August 2008  
**Location:** Romania  
**Company:** Louis Berger S.A. Consultancy Company  
**Position:** Deputy Team Leader supervising 2 projects  
**Description:** **Civil engineering, contract administration**, implementation and construction **supervision of 2 large International projects** co-financed by ISPA for the Romanian National Company of Motorways and National Roads. The projects cover about 60km of motorway (construction and rehabilitation), with a total value of works over Euro 130M. (2 ICB contracts: Section 4 & Section 5 of Bucharest-Constanta Motorway).  
The works involve **rehabilitation** works for approx. 20 km of existing motorway (asphalt overlays, widening the road, consolidation works, drainages, rehabilitation of structures, environmental

issues, construction of junctions and new bridges, and for the first time in Romania cold recycling of existing concrete pavements and its usage as road foundation).

The works involve, also, the **construction** of a new motorway (about 40 km) with all facilities included.

Duties cover day to day project management and **contract administration** from the contractual (FIDIC 1999), technical and financial point of view, and **supervision**, including duties of **claim analyst** and **contract specialist**.

Responsibilities involved the handling of issues mainly including **claim** assessment, negotiations, mediations, **claims analysis**, dispute **mediation**, negotiation, helping the Employer in relation with Dispute **Adjudication** Board, and, in addition, issues like design, variations, insurance, guarantees, contractual and technical matters, dealing with technical standards, legislation, reports, correspondence, payment certificates and liaisons with Employer's organisation.

The contractors were 2 international joint ventures, formed by Italian, German and Romanian construction companies.

**Date:** April 1999 – December 2003

**Location:** Romania

**Company:** Louis Berger S.A. Consultancy Company

**Position:** Deputy Team Leader supervising 6 projects

**Description:** **Civil engineering, contracts administration**, implementation and construction **supervision** of **6 large International projects** co-financed by EBRD for the National Administration of Roads (6 ICB contracts: **Rehabilitation** of 6 sections of national road 13 and 15, between Brasov and Turda). The projects cover about 300 km of road, with a total value of works over US\$ 130M. The works involve asphalt overlays, widening the road, large consolidation works, drainages, **rehabilitation** of numerous structures, environmental issues, **construction** of new by-passes and new bridges, including a new bridge of 300 m long, three span incrementally launched and, for the first time in Romania, cold recycling and detensioning of existing concrete pavements.

Duties cover day to day project management and **contract administration** from the contractual (FIDIC 4), technical and financial point of view, and **supervision**, including duties of **claim analyst** and **contract specialist**.

Responsibilities involved the handling of issues mainly including **claim** assessment, negotiations, mediations, **claims analysis**, **mediation**, negotiation, and, in addition, issues like design, variations, insurance, guarantees, contractual and technical matters, dealing with technical standards, legislation, reports, correspondence, payment certificates and liaisons with Employer's organisation.

The contractors were 6 international contractors/joint ventures – French, Italian, German and Romanian construction companies.

**Date:** February 1998 – April 1999

**Location:** Romania **Company:**

IPTANA Search **Position:**

Engineer

**Description:** **Civil engineering** in the frame of Bridge Department. Responsibilities involved **civil engineering** and design tasks. I developed specialized software to hydraulic calculation of bridges, used in the rehabilitation of bridges on national road no. 24, in the **road development program** "Third Romanian Road Rehabilitation Program" financed by E.I.B. with a total value of works over US\$ 250M. Involved in feasibility study for **construction** of the "Motorway Deva-Nadlac", part (about 150 km) of the fourth European Corridor, for new bridges design. Chief of project for bridge design for the following projects: "**Rehabilitation** of national road 10" - Feasibility Study, "Bypass Cluj" - Feasibility Study, "NW Bypass Tecuci" - Pre-feasibility Study.

Responsible in preparation of all drawings, calculations, technical and economical documentation in accordance with the standards and contract requirements.

**Date:** September 1997 – February 1998

**Location:** Romania

**Company:** National Administration of Roads (the Government institution administering the roads) - Bucharest Regional Directorate of Roads and Bridges (DRDP Bucharest)

**Position:** Engineer

**Description:** **Civil engineering, contract administration and contract specialist** within the Employer's organization, for several contracts for rehabilitation or construction, like "Widening of national road no. 1, Ploiesti-Campina", "New CESTRIN laboratory", "Bridge over Prahova at Bratasanca", and maintenance works for roads and bridges. Total value of works over US\$ 100M. Dealing with standards, legislation, budgeting for National Administration of Roads. Involved in DRDP's technical committee for approval of technical solutions regarding new and maintenance works.

**Date:** June 1990-September 1997

**Location:** Romania

**Company:** Faculty of Railways, Road and Bridges, Technical University of Civil Engineering Bucharest (former Institute of **Civil Engineering** Bucharest)

**Position:** University assistant

**Description:** Training students in **civil engineering**, applications for steel bridges in the fourth and fifth year of training, special problems for steel bridges in the fifth year of training, and applications regarding fatigue phenomena for bridges for post graduate courses. Responsible for preparing numerical models using finite element model for steel bridges, oil platforms, steel structures, and buildings included in 11 projects. Total value of works over US\$ 100M.

Responsible in preparation of new specific software in two research projects in the benefit of the Ministry of Education. Total value over US\$ 1M.

Involved in the implementation of a "Manual for identifying apparent defects on road bridges and prescribing remedial methods" and in "Revision of the standard for designing of new metallic railway bridges

### **13. Work Undertaken that Best Illustrates Capability to Handle the Tasks Assigned Trainings conducted by myself as an accredited FIDIC trainer until now:**

- Romania – FIDIC Module 1 – Practical use of FIDIC Contract Documents in: May 2008, June 2008, August 2008, October 2008, December 2008, February 2009, May 2009, September 2009, September 2010 – each one 2 days around 50 peoples per session
- Romania – FIDIC Module 2 – Management of claims and Resolution of Disputes using DAB in: April 2008, July 2008, September 2008, November 2008, January 2009, June 2009, – each one 2 days around 50 peoples per session
- India – FIDIC Module 1 FIDIC Module 1 – Practical use of FIDIC Contract Documents in: August 2008 –in Delhi – 2 days 30 peoples
- India – FIDIC Module 2 Management of claims and Resolution of Disputes using DAB in: August 2008 – in Delhi – 2 days 30 peoples

- India - FIDIC Module 1 FIDIC Module 1 – Practical use of FIDIC Contract Documents in: August 2008 –in Mumbai – 2 days – 40 peoples
- India – FIDIC Module 2 Management of claims and Resolution of Disputes using DAB in: August 2008 – in Mumbai – 2 days – 40 peoples
- India – FIDIC Module 2 Management of claims and Resolution of Disputes using DAB in: August 2008 – in Delhi – in house 2 days 50 peoples
- Qatar - FIDIC Module 1 FIDIC Module 1 – Practical use of FIDIC Contract Documents in: November 2008 – Doha – MDB Version included – 2 days 30 peoples
- Qatar – FIDIC Module 2 Management of claims and Resolution of Disputes using DAB in: August 2008 – in Doha – MDB Version included– 2 days 30 peoples
- Qatar - FIDIC Module 1 FIDIC Module 1 – Practical use of FIDIC Contract Documents in: November 2008 – Doha – in house - 2 days 40 peoples
- Qatar – FIDIC Module 2 Management of claims and Resolution of Disputes using DAB in: August 2008 – in Doha – in house – 2 days 40 peoples
- Greece - FIDIC Module 1 FIDIC Module 1 – Practical use of FIDIC Contract Documents: January 2009 - in Thessaloniki – in house – MDB Version included- 2 days 60 peoples
- Greece – FIDIC Module 2 Management of claims and Resolution of Disputes using DAB in: January 2009 – in Thessaloniki – in house – MDB Version included – 2 days 60 peoples
- Uganda - FIDIC Module 1 FIDIC Module 1 – Practical use of FIDIC Contract Documents: January 2009 - in Kampala – MDB Version included - 2 days 80 peoples
- Uganda – FIDIC Module 2 Management of claims and Resolution of Disputes using DAB in: January 2009 – in Kampala – MDB Version included-2 days 80 peoples
- India – FIDIC Module 1 FIDIC Module 1 – Practical use of FIDIC Contract Documents in: March 2009 –in Delhi – in house – 2 day 30 peoples
- India – FIDIC Module 2 Management of claims and Resolution of Disputes using DAB in: March 2009 – in Delhi – in house – 2 day 30 peoples
- India – FIDIC Module 1 FIDIC Module 1 – Practical use of FIDIC Contract Documents in: March 2009 –in Delhi – in house – 2 day 30 peoples
- India – FIDIC Module 2 Management of claims and Resolution of Disputes using DAB in: March 2009 – in Delhi – in house -2 day 30 peoples
- India – FIDIC Module 2 Management of claims and Resolution of Disputes using DAB in: March 2009 – in Delhi - 2 days 40 peoples
- Nigeria - FIDIC Module 1 FIDIC Module 1 – Practical use of FIDIC Contract Documents: April 2009 - in Abuja – MDB Version included – 2 days 50 peoples
- Nigeria – FIDIC Module 2 Management of claims and Resolution of Disputes using DAB in: April 2009 – in Abuja – 2 days 50 peoples
- Jordan FIDIC Module 1 FIDIC Module 1 – Practical use of FIDIC Contract Documents: July 2009 - in Amman – MDB Version included – 2 days 60 peoples
- Jordan FIDIC Module 2 Management of claims and Resolution of Disputes using DAB in: July 2009 – in Amman – 2 days 60 peoples
- India – FIDIC Module 1 FIDIC Module 1 – Practical use of FIDIC Contract Documents in: August 2009 –in Delhi – in house – 2 day 40 peoples
- India – FIDIC Module 2 Management of claims and Resolution of Disputes using DAB in: August 2009 – in Delhi – in house -2 day 30 peoples
- India – FIDIC Module 2 Management of claims and Resolution of Disputes using DAB in: August 2009 – in Delhi – in house -2 day 30 peoples
- India – FIDIC Module 1 FIDIC Module 1 – Practical use of FIDIC Contract Documents in: August 2009 –in Delhi – Public – 2 day 40 peoples
- India – FIDIC Module 2 Management of claims and Resolution of Disputes using DAB in: August 2009 – in Delhi – Public -2 day 40 peoples
- India – FIDIC Module 1 FIDIC Module 1 – Practical use of FIDIC Contract Documents in: August 2009 –in Bangalore – in house – 2 day 40 peoples
- India – FIDIC Module 2 Management of claims and Resolution of Disputes using DAB in: August 2009 – in Bangalore – Public -2 day 30 peoples
- Qatar - FIDIC Module 1 FIDIC Module 1 – Practical use of FIDIC Contract Documents in: September 2009 – Doha – Public - 3 days 30 peoples

- Romania – FIDIC Module 1 – Practical use of FIDIC Contract Documents in: October 2009, 3 days around 30 peoples– Railway Company
- Romania – FIDIC Module 1 – Practical use of FIDIC Contract Documents in: November 2009, 2 days around 20 peoples–
- Qatar - FIDIC Module 1 FIDIC Module 1 – Practical use of FIDIC Contract Documents in: November 2009 – Doha – In house - 2 days 30 peoples
- Qatar - FIDIC Module 2 Management of claims and Resolution of Disputes using DAB in: November 2009 – Doha – In house - 2 days 30 peoples
- Qatar - FIDIC Module 1 FIDIC Module 1 – Practical use of FIDIC Contract Documents in: November 2009 – Doha – In house - 2 days 30 peoples
- Qatar - FIDIC Module 2 Management of claims and Resolution of Disputes using DAB in: November 2009 – Doha – In house - 2 days 30 peoples
- Qatar - FIDIC Module 1 FIDIC Module 1 – Practical use of FIDIC Contract Documents in: November 2009 – Doha – In house - 2 days 30 peoples
- Nepal - FIDIC Module 1 – Practical use of FIDIC Contract Documents in: March 2010 – Kathmandu – In house – 2x2 days 130 peoples
- Nepal - FIDIC Module 2 Management of claims and Resolution of Disputes using DAB in: March 2010 – Kathmandu – In house – 2x2 days 130 peoples
- Kazakhstan – FIDIC Module 2 Management of claims and Resolution of Disputes using DAB in: August 2010 – Kalul – In house – 2 days 30 peoples
- Kuwait – January 2011 – Claim Analysis and Dispute resolution
- Kuwait – February 2011 – Claim Analysis and Dispute resolution
- Kuwait – March 2011 – FIDIC Module 1 Introduction to FIDIC Conditions of Contracts
- Sao Paulo – Alternative Dispute Resolution methods – 2 days DRBF Conference workshop 30 peoples – may 2011
- Singapore – Introduction in FIDIC Conditions of Contract June 2011
- Mumbai – India – Contract Management 2 days 60 peoples
- Hyderabad – India – Contract Management 2 days 60 peoples
- Bucharest – Dispute Boards how to use them – trainer coordinator 6-7Oct 2011
- Doha – Module 1 - 11-14 October 2011
- Belgrade - Serbia– Module 2 Management of claims and Resolution of Disputes using DAB – 20-23 July 2012 – 30 participants
- Ramallah - Palestine – Module 2 Management of claims and Resolution of Disputes using DAB – 5-9 August 2012 – 40 participants
- Lagos – Nigeria – Module 1 – 15-19 August 2012 – 40 participants
- Bucharest- Romania –23-24 October 2012 DRBF – Dispute Boards procedure and practice
- Doha – Qatar 5-9 November 2012 – DRBF Workshop – Dispute Boards procedural rules-
- Ramallah - Palestine – Module 2 Management of claims and Resolution of Disputes using DAB – 15-16 January 2013 – 40 participants
- Bucharest – Romania – Module 2 Module 2 Management of claims and Resolution of Disputes using DAB – 23-24 January – 20participants
- Chisinau – Moldova – Module 1 - FIDIC 99 Conditions of Contract-28-29 Janury 2013 – 20 participants
- Chisinau- Moldova – Module 2 – FIDIC 99 Conditions of Contract-4-5 February 2013 – 20 participants
- Belgrade – Serbia – – Module 1 – FIDIC 99 Conditions of Contract- 7-8 February 2013 – 20 participants
- Chisinau- Moldova – Module 4 – FIDIC 99 Contract Management -4-5 March 2013 – 20 participants
- Banja Luka – Bosnia – Module 1 – FIDIC 99 Conditions of Contract 12-16 Kune 2013 – 40 participants
- Lagos – Nigeria – Module 2 FIDIC 99 Conditions of Contract – 5-6 August 2013 – 40 participants
- Erevan – Armenia – FIDIC Contract Management – 25-26 September 2013 – 30 Participants
- Luxembourg – Luxembourg Module 1 – FIDIC 99 Conditions of Contract – 4-5 December 2013 – in house training EIB

- Luxembourg – Luxembourg Module 1 – FIDIC 99 Conditions of Contract – 9-10 January 2014 – in house training EIB
- Luxembourg – Luxembourg Module 2 – FIDIC 99 Conditions of Contract – 14-15 January 2014 – in house training EIB
- Ghana – Accra – FIDIC 99 Conditions of Contract – May 2015, June 2016, August 2018, June 2019 FIDIC 99 Module 1, Module 2 Management of claims and Resolution of Disputes using DAB, EPC Contract
- India – New Delhi 99 Conditions of Contract – June 2017, August 2018, FIDIC 99 Module 1, Module 2 Management of claims and Resolution of Disputes using DAB, EPC Contract

**Other trainings conducted by myself**

**2018-2019 more than 30 trainings with local authorities on Contract Management, Claims related to national contracts**