

# Alexandra Barron

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## SUMMARY

- **Academia:** Detailed working knowledge of the biological, natural and social sciences
- **Professional:** More than 9 years experience in science and conservation; project management
- **Research:** Practised in a wide range of field research skills and survey methods; excellent information mining, data collection and analytical skills
- **Communication:** Experienced technical writer and draughtsmen; accomplished communicator with superior oral and written skills

## EDUCATION

2011 – Pres. **The Open University, UK**

M.Sc. Science

2004 - 2005 **Institute of Animal Care Education, UK**

Diploma in Ichthyology

1997 - 2000 **University of Plymouth, UK**

Bachelor of Science Honours Degree in Psychology

## PROFESSIONAL EXPERIENCE

**Environmental Consultant**

**05/2010 – Present**

**Balanced Environmental Services, Inc., Canada**

- Biophysical, Hydro- & topographic surveying, data analysis and field research
- Production of Environmental Impact Assessments, survey and technical reports, summaries and draughting for private, corporate and federal clients
- Client liaison and public communications; project administration

**Research & Communications Assistant**

**09/2004 – Present**

**ReefQuest Centre for Shark Research, Canada and International**

- Researched, wrote and presented scientific reports and articles
- Provided administrative support; assisted with public and media liaison
- Recruited, coordinated and led volunteer based field research projects

**Naturalist**

**04/2008 – 10/2008**

**Vancouver Whale Watch, Canada**

- Educated guests regarding wildlife and ecology of BC coast, specifically killer whales
- Collected data regarding the behaviour and movements of individual killer whales and pods

**Laboratory Manager / Marine Biologist**

**01/2006 – 07/2007**

**Banyan Tree Marine Lab, Maldives**

- Coordinated several marine biological and environmental research projects
- Developed and wrote project reports, proposals, and award applications
- Ran an educational program for the local community and tourists; created educational resources, materials and presentations
- Liaised with international media, political and corporate groups

**Environmental Educator**

**05/2003 – 04/2005**

**Living Coasts, UK**

- Created educational resources, planned & coordinated themed events program
- Taught classroom and field based lessons, gave public presentations

## **Environmental Education Field Leader**

**06/2002 – 10/2002**

### **Archelon – Sea Turtle Protection Society of Greece, Greece**

- Managed outreach and fundraising program
- Coordinated environmental education program
- Managed and trained volunteer staff as part of management team

## **OTHER PROFESSIONAL & VOLUNTARY EXPERIENCE**

### **• ReefQuest Centre for Shark Research, Research Assistant – Present**

Included presenting a scientific paper at the 2006 European Elasmobranch Association conference

### **• ReefQuest Centre for Shark Research, Internship - September 2005**

### **• Basking Shark Survey, Research Assistant – May 2004 & 2005**

### **• RQCSR White Shark Research Expedition, Research Assistant - July 2004**

### **• Archelon (Sea Turtle Protection Society of Greece) Volunteer - Aug–Oct 2001**

### **• Freelance Presenting and Writing**

I have given presentations to various groups and have written several articles published in local, national and international media (including BBC Wildlife Magazine)

### **• SeaWeb Marine Photo Bank, Contributing Photographer (Freelance)**

I provide photographic images for range of publications and websites, and donate images to SeaWeb Marine Photo-bank

## **AWARDS & GRANTS**

- President of the Maldives Green Resort Award – Winner - Banyan Tree Maldives Vabbinfaru 2006
- Earthwatch Institute/Amerada Hess Award for Educators, Winner – May 2004

## **OTHER COURSES, QUALIFICATIONS, MEMBERSHIPS & ACCREDITATIONS**

- Vancouver Avian Research Centre – Ornithology Workshop
- VIU/NREP Certified Electro-fishing Crew Supervisor
- Transport Canada Marine Emergency Duties A3 (MEDA3)
- St. Johns Ambulance Oxygen Therapy Certificate
- Wildlife Safe Ecotourism (WiSE) Scheme Trained Operator
- RYA Powerboat Level 2 (Intl. Certificate of Competence)

## **PROFESSIONAL SKILLS**

- Practical field skills including hydro-graphic and topographic surveying, biophysical habitat assessments, transect /quadrat surveys, water quality testing, environmental monitoring, animal tagging, ethological studies, blood and tissue sampling
- Sound project management skills including budget planning and fiscal management, logistics, administration and team leadership
- Experienced information researcher & archivist, using on-line, electronic and printed information sources with excellent data mining and analytical skills
- Proficient technical writer and draughtsman; excellent written and oral communication skills for all purposes and audiences

## **HOBBIES & INTERESTS**

I enjoy any activities in the great outdoors, and am an enthusiastic naturalist and amateur wildlife photographer. I am a keen marathon runner and one-day ultra-marathoner, I also enjoy hiking, kayaking, swimming and snorkelling.

## REFEREES

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