ANDREA L. VALE

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*Multimedia science journalist working as a freelance writer and documentary filmmaker. Passionate about translating scientific research to academics and general audiences.*

*U.S. citizen with passport and driver’s license. Dually based in Massachusetts, U.S. and Bristol, U.K.*

# EDUCATION

**UNIVERSITY OF OXFORD Oxford, Oxfordshire, U.K.** MSc in Biodiversity, Conservation, and Management **September 2020 – October 2021**

* Completed dissertation, “Storied, Sacred, Frightening, Awe-Inspiring:” Examining Geological Charisma in the Yellowstone River’ under supervision of Dr. Hannah Fair.
* Relevant Modules: Introduction to GIS (ArcGIS, GIS); Professional Research Theory and Practice; Species Distribution Modelling; Big Data; Biodiversity Technologies; Marine Biogeography; International Ocean Governance of the Deep Seabed; Marine Protected Areas; Coral Reefs in the Anthropocene

**UNIVERSITY OF NOTRE DAME Notre Dame, Indiana, U.S.A.** BA in English literature with Creative Writing concentration **August 2014 – May 2018** *Cum laude*

* Completed honors thesis and critical analysis in Creative Writing; fiction novella written under direction of acclaimed environmental writer Roy Scranton.

# EXPEDITIONS

# August 2022: Ocean Twilight Zone Project, National Oceanic and Atmospheric Administration and Wood’s Hole Oceanographic Institution (North Atlantic ocean; Ocean-based)

# May 2020: Anthroposea Expedition, Oxford University Expedition Council (Southampton, U.K. to Plymouth, U.K.; Ocean-based)

# March 2018: Out of Eden Walk, National Geographic Society (Amritsar, India to Harike Pattan, India; Land-based)

# SKILLS AND CERTIFICATIONS

# FAA 107 Commercial Drone License (U.S.) • CAA Open Category Drone Flyer and Operator Permit (U.K.) • PADI Open Water Diver Certification • Top-Rope Belay Certified • Long-lens wildlife filming • Macro videography • Time-Lapse videography • 360 VR videography and photography • Underwater Videography • International Driving Permit • Wilderness and Remote Location First Aid Certification (First Option Safety Group LTD)

# LANGUAGES

# Arabic (Beginning) • Spanish (Advanced) • Italian (Intermediate)

# SELECTED PUBLICATIONS

# “Why Seabirds in the Pacific Are Eating Plastic”(Article) — Oceana, May 2020

# “Diseases in the Jungle: How Habitat Destruction Could Lead to Future Pandemics” (Video) — *The Oxford Scientist*, March 2021

# “Earth’s Metabolism” (Video) — *Anthroposphere: The Oxford Climate Review*, September 2021

# “’Battle’ Between a Lion and Hyenas Isn’t What It Seems” (Article) — *National Geographic*, August 2017

# “National parks: “carbon sponges” fighting against climate change” (Interview) — *Climate Tracker*, June 2020

# “In the Punjab, Villagers — and the Wetland That Was Meant to Help Them — Struggle to Survive” (Article) — *National Geographic*, June 2018

# EXPERIENCE

**Vale Media LLC** – Science Expedition Videographer and Photographer **March 2018 – Present**

**Remote**

Serve as field-based videographer and photographer documenting scientific research expeditions, with a specialty on ocean-focused work. Act as one-person full production team, with ability to plan, produce, shoot, and edit projects to completion independently.

# Freelance Science Journalist June 2016 – Present

# Remote

Bylines include *National Geographic, Anthroposphere: The Oxford Climate Review, USA Today, the Huffington Post*, Oceana, and elsewhere. Independently researched and pitched conservation-focused stories. Undertook multimedia field reporting in rural India, Italy, Nepal, along U.S.-Mexico border. Specialize in covering biodiversity and marine research to encourage scientific literacy in general audiences.

**National Geographic Channel**– Assistant Producer **January – May 2022**

# Formosa, Argentina

Set up and oversaw international shoots in remote locations for two months in the field for upcoming season of National Geographic / Disney+ series *Primal Survivor*.. Acted as camera assistant to DoP and second camera. Shot b-roll and details on Sony FX6 and DJI gimbal; shot underwater wildlife b-roll footage. Built and prepped Ronin gimbal system. Filmed timelapse; used Rhino slider to film panning shots. Took production stills. Transported, packed, and cleaned kit.

**BBC –** Wildlife Camera Operator **November 2021**

**Birmingham, U.K.**

Wildlife camera operator for *The One Show* December 2021 episode. Sony FS5 and FS7. Captured close-ups, slo-mos, and establishing shots for robin wildlife sequence, in addition to b-roll cutaways, and talking head interviews. Acted as camera assistant in packing, transporting, and setting up equipment.

**Oxford University Expedition Society –** Drone Operator, Underwater Camera, Second Camera, Producer **May 2021**

**Southampton to Plymouth, U.K.**

Part of Anthroposea Expedition, two-week offshore shoot along the U.K. coast. Interviewed scientists, citizens, and local experts for documentary on coastal narratives. Filmed 4K second camera interviews, b-roll cutaways. Created Sony mirrorless topside, underwater GoPro, and aerial drone footage.

**The Oxford Scientist –** Creative Editorial Team Member **November 2020 – May 2021**

**Oxford, U.K.**

Worked with editorial team to conceive, pitch, and create artistic visualizations of scientific research. Focused on visual poetry pieces depicting environment and biology research.

**Silvano-Mari Films** – 360 Camera **December 2020 – January 2021**

**Remote**

Supported pre-production for upcoming science fiction episodic series. Conceived, shot, and edited promotional 360 footage.

**Loggerhead Marinelife Center** – Film Editing Intern **June 2020 – October 2020**

**Remote**

Conceived video ideas, compiled footage, and edited footage into mission-driven conservation content for audiences using Premiere Pro. Conceptualized and created mini-documentary on International Sea Turtle Rescue Alliance.

**National Geographic Society** – Human Story Specialist **June 2017 – July 2020**

**Washington, D.C., U.S.A.**

Science and Exploration team. Collaborated on wildlife and natural resource conservation initiatives across the Society, including Pristine Seas, Last Wild Places, Okavango Wilderness, and Perpetual Planet projects. Supported two-time Pulitzer-winning environmental journalist Paul Salopek’s “Out of Eden Walk” (OOEW): a 10-year, 21,000-mile reporting trek on foot across the world from Ethiopia to Chile. Joined Salopek in the field in northwestern India to report grassroots conservation story for publication with *National Geographic.*

**Northern Virginia Conservation Trust** – Self-Shooting Producer **October 2019 – May 2020**

**Washington, D.C., U.S.A.**

Conceived, pitched, shot and edited mission-driven short features for local conservation NGO website and social media channels.