



DANIEL ACUÑA ORTEGA

Surveying Engineer

Surveying Engineer with more than 30 years of professional experience, including participation in the Judicial Branch as a Court-Appointed Expert in Surveying and Land Registration. He has completed more than 20 years of professional development through activities, courses, and technical training in topography, photogrammetry, forensic surveying, and road accident investigation in Costa Rica. He has also served on technical committees and professional boards. His professional career is complemented by a strong academic background that includes a Licentiate Degree in Surveying Engineering, studies in metrology and geospatial surveying, and continuous training in geographic information systems, assessment and control of drones, surveying, road safety, and publications related to engineering, cadastre, and road accident investigation, demonstrating a strong commitment to professional education and continuous improvement in his field.



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ACADEMIC BACKGROUND

- **[2017–Present]** Universidad de Costa Rica — Student, Bachelor's Degree Program in English.
- **[2013]** Universidad Nacional, Environmental Metrology Program (PROMEA), School of Chemistry — University Degree in Metrology.
- **[2004]** Universidad Nacional — Licentiate Degree in Surveying and Geodesy Engineering.
- **[1996]** Universidad de Costa Rica — Bachelor's Degree in Surveying.
- **[1988]** Universidad de Costa Rica — Diploma in Surveying.

PROFESSIONAL EXPERIENCE

- **[2013–Present]** Independent Professional Practice in Surveying — Surveying, Topography, Cadastre, and Forensic Investigation. Member of the Court of Honor of the Federated College of Engineers and Architects of Costa Rica (CFIA).
- **[1996–2012]** Department of Forensic Sciences, Judicial Investigation Agency (OIJ) — Forensic Surveyor; Road Accident Investigation.
- **[2010]** National Registry, Photogrammetry Section.
- **[1988–1996]** Aqueducts and Sewer Systems Administration (AyA) — Surveyor.
- **[1982–1988]** Aqueducts and Sewer Systems Administration (AyA) — Surveying Assistant.

PUBLICATIONS

- **[2023]** *Road Accident Investigation. A Perspective on Traffic Accidents.* Published 06/2023, category: Applied Sciences. ISBN: 978-9977-65-708-0. Keywords: expert investigation, road accident investigation, surveying, criminalistics, forensics.
- **[2016]** *Regularización de planos en Costa Rica.* Revista del CFIA, No. 267, 2016, p. 37.
- **[2016]** *Ingeniería topográfica en evolución.* Revista del CFIA, No. 266, 2016, p. 16.
- **[2015]** *Ley para mejorar la administración territorial.* Revista Azimuth, ISSN 1659-2948, No. 28, 2015, pp. 18–21.
- **[2010]** Editorial EUNA, Universidad Nacional, Heredia. *Planimetría Forense: Detalles de cómo realizar levantamientos forenses con técnicas sencillas.* ISBN-13: 978-9977-651-43.

