

## **Research Timeline: 20 Years of Independent Investigation into Human Survival**

This summary outlines the key milestones in Alejandro Diaz Aldana's 20+ years of self-funded, independent research on global extinction threats and the development of Project A.D.A. (Alliance for Defense Against Annihilation). As a delivery driver with no formal scientific backing, this journey began with personal curiosity and evolved into a comprehensive blueprint for humanity's long-term survival, addressing over 280 risks through resilient cities and planetary defenses.

### **2005–2009: Early Awakening and Threat Identification**

- **2005:** Initial spark from reading about historical disasters (e.g., Toba supervolcano, Year 536 dimming). Began compiling notes on cosmic and geological risks like asteroids and ice ages.
- **2006–2007:** Deep dive into climate history via books and online resources. Identified 50+ potential extinction causes, focusing on under-discussed threats like permafrost thaw and ocean anoxia.
- **2008:** First sketches of "protected cities" concept as refuges against mega-floods and heatwaves, inspired by real-world vulnerabilities in cities like Dubai and Mexico City.
- **2009:** Expanded research to biodiversity collapses, cataloging 100 risks; started informal notes on solutions like sealed urban designs.

### **2010–2014: Systems Thinking and Solution Prototyping**

- **2010:** Shifted to interdisciplinary approach, studying tech risks (e.g., AI misalignment, nuclear winter). Developed early ideas for energy redundancy using nuclear and renewables.
- **2011–2012:** Analyzed social/economic amplifiers like overpopulation and supply chain fragility. Created prototypes for water cycles and food autonomy in hypothetical cities.
- **2013:** Incorporated spiritual/ideological threats (e.g., collective hysteria). Reached 150 documented risks; began outlining "Level 1 Cities" with modular cells.
- **2014:** Focused on NASA-related challenges (e.g., NEO deflection, volcanic ash resistance). Solved first "unsolved" problems like anti-collapse geometry for roofs.

### **2015–2019: Deep Integration and Manual Development**

- **2015:** Integrated bio-threats (e.g., pandemics, toxin cocktails). Expanded to 200 risks; drafted core chapters on governance and health in sealed environments.

- **2016–2017:** Researched compound events (e.g., climate-financial crises). Refined A.D.A. protocols for international coordination and phased urban transitions.
- **2018:** Tackled 20 NASA-unsolved issues, including megatsunami defenses and dimming-resistant agriculture. Compiled initial 50-chapter manual draft.
- **2019:** Added rare cosmic threats (e.g., GRBs, solar expansion). Finalized 250+ risks; emphasized long-term vision for millions of years of human survival.

#### **2020–2025: Refinement, Expansion, and Launch**

- **2020:** Pandemic accelerated focus on biocontainment and zoonotics. Expanded manual to 120 chapters; integrated AI-assisted refinements.
- **2021–2022:** Detailed planetary defense network (e.g., NEO monitoring). Solved remaining NASA challenges like cybersecurity in microgrids.
- **2023:** Reached 280 risks; finalized economic models (\$5T phased investment) and uniqueness (e.g., vs. Mars colonization).
- **2024:** Created visual concepts and executive dossier; prepared for global outreach.
- **2025 (Ongoing):** Launched humansp.org; published key analyses (e.g., \$107T nuclear war cost). Project A.D.A. now ready for collaboration, with full manual under NDA.

This timeline reflects relentless, solo dedication—balancing daily work with nightly research—to create a unified plan saving humanity from all angles. For details, see the full research dossier.