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International Design Challenge

THE LOST ATLANTIS REBORN I

Designing a New Era of Aquatic Community 2024

First Edition

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The Lost Atlantis Reborn: Designing a New Era of Aquatic Community

Introduction

The myth of Atlantis, often depicted as an advanced civilization that succumbed to the depths of the ocean, has captivated the imaginations of philosophers, artists, and scientists alike for centuries. This legendary narrative serves as a powerful allegory for human aspiration and the consequences of our relationship with nature. In this competition, we invite architects and designers to delve into the essence of Atlantis, envisioning a modern interpretation that transcends the boundaries of myth and reality.

Participants are challenged to conceptualize a vibrant, functional community that not only pays homage to the cultural and historical significance of Atlantis but also integrates seamlessly with its aquatic environment. This new Atlantis should serve as a testament to human ingenuity, showcasing innovative architectural solutions that embrace cutting-edge technologies and sustainable practices.

Designs should explore the potential of underwater living, reflecting on how this unique habitat can promote ecological preservation and foster a harmonious relationship with marine ecosystems. Emphasizing sustainability, the proposed community must incorporate renewable energy sources, waste management strategies, and eco-friendly materials, paving the way for a future where human habitats coexist with the ocean's natural beauty.

Moreover, this competition encourages a deep exploration of cultural resurgence, emphasizing how the revived spirit of Atlantis can enrich our understanding of community, heritage, and identity. Participants are invited to create spaces that celebrate this new culture, encouraging social interaction and collaboration among inhabitants.

Through this competition, we seek visionary thinkers who can reimagine Atlantis as a beacon of hope, innovation, and resilience, inspiring future generations to embrace a sustainable, symbiotic relationship with the sea. Your design could redefine the possibilities of underwater architecture and contribute to the ongoing dialogue about humanity's role in protecting our planet's oceans.

Objective

The primary objective of this competition is to inspire architects and designers to reimagine the legendary city of Atlantis as a modern underwater community that embodies the principles of sustainability, innovation, and cultural revival. By merging advanced architectural techniques with ecological mindfulness, participants will create designs that reflect the unique challenges and opportunities of underwater living. The proposal should not only celebrate the mythical legacy of Atlantis but also pave the way for a future where human habitation coexists harmoniously with marine environments.

Through this initiative, we aim to foster a dialogue around the possibilities of underwater architecture, encouraging entrants to explore innovative solutions that address environmental concerns while enhancing the quality of life for residents. Each submission should envision a vibrant community that prioritizes social interaction, cultural engagement, and educational opportunities, making Atlantis a hub of learning and creativity.

This competition seeks to challenge conventional notions of architectural design, pushing the boundaries of what is possible in underwater environments. Participants are encouraged to consider how their designs can inspire a deeper connection to the ocean and promote a sense of stewardship for marine ecosystems. Ultimately, we envision a new Atlantis that serves as a model for sustainable living, inviting future generations to thrive in balance with the natural world.

Key Goals

- **Reimagine Atlantis:** Design a contemporary underwater community that reflects the spirit and culture of the legendary civilization while addressing modern challenges.
- **Sustainability:** Integrate sustainable practices and technologies, emphasizing renewable energy, eco-friendly materials, and innovative waste management solutions.
- **Ecological Harmony:** Create a design that promotes the preservation of marine ecosystems, enhancing biodiversity and fostering a respectful relationship with the ocean.

- **Cultural Engagement:** Incorporate spaces that encourage social interaction, collaboration, and cultural expression, revitalizing the myth of Atlantis as a center for learning and creativity.
- **Innovative Architecture:** Challenge conventional design norms by exploring new construction techniques and materials suited for underwater environments.
- **Community Well-being:** Prioritize the quality of life for residents, ensuring that the design supports health, comfort, and social connectivity in an aquatic setting.

The Building Program

The building program for the "The Lost Atlantis Reborn" competition encompasses a comprehensive range of functional spaces designed to create a thriving underwater community. Each component of the program aims to facilitate sustainable living, foster cultural engagement, and promote ecological preservation. Participants are encouraged to creatively interpret and integrate these elements into their designs.

1. Residential Areas

Diverse Housing Typologies: Design options for various family sizes and income levels, incorporating single-family units, multi-family dwellings, and communal living spaces.

Aquatic Views: Homes should be designed to maximize natural light and offer panoramic views of the marine environment, creating a connection between residents and the ocean.

Flexible Interiors: Spaces that can adapt to changing needs over time, including multi-purpose rooms for activities such as work, recreation, and family gatherings.

2. Cultural and Community Spaces

Cultural Center: A hub for art, music, and cultural activities that celebrate the heritage and stories of Atlantis, providing exhibition areas and performance spaces.

Community Gathering Areas: Open spaces for social events, markets, and festivals, promoting interaction and collaboration among residents.

Meditation and Reflection Zones: Tranquil areas that allow residents to connect with the ocean and nature, fostering mental well-being and spiritual reflection.

3. Educational Facilities

Marine Research Center: Spaces for studying marine biology, ecology, and sustainability, equipped with laboratories and classrooms for both formal education and community workshops.

Learning Hubs: Facilities for educational programs focused on marine conservation, cultural heritage, and sustainable practices, accessible to both residents and visitors.

4. Commercial Areas

Marketplace: A vibrant area featuring local artisans, food vendors, and shops that reflect the culture and economy of the community, encouraging local entrepreneurship.

Dining Establishments: Restaurants and cafes offering a variety of cuisines, emphasizing locally sourced ingredients and sustainable practices.

Visitor Centers: Spaces for tourists and researchers that provide information on the community, cultural programs, and marine conservation efforts.

5. Recreation Zones

Parks and Gardens: Green spaces that incorporate native marine flora and provide areas for leisure activities, relaxation, and community events.

Water Sports Facilities: Designated areas for swimming, diving, and other aquatic activities that promote physical fitness and enjoyment of the ocean.

Playgrounds: Safe and engaging play areas for children, encouraging outdoor activity and social interaction.

6. Infrastructure and Transportation

Sustainable Transportation: Develop transportation systems that minimize environmental impact, such as electric boats or underwater transit systems, facilitating movement within the community and to the surface.

Utilities and Waste Management: Infrastructure for renewable energy generation, water purification, and waste recycling that supports sustainable living.

This building program aims to create a cohesive, functional community that not only reinterprets the myth of Atlantis but also sets a standard for innovative, sustainable underwater living. Participants are encouraged to envision how these elements interact to foster a vibrant, resilient, and thriving environment.

Project Proposal Requirements

Participants must submit a project proposal that includes:

- A clear and compelling design narrative explaining the concept.
- Detailed floor plans, elevations, and sections that illustrate the spatial organization and functional layout.
- Renderings or visualizations that convey the aesthetic quality and experience.
- A site plan.

Timeline

- Registration Deadline: 13th January 2026
- Submission Deadline: 23rd January 2026
- Winners Announcement: 23rd April 2026

Submission Requirements

File Format:

- All entries must be submitted as a single PDF document.

Sheets:

- Minimum of 3 sheets, maximum of 6 sheets.
- Each sheet should include designs, drawings, and views that effectively communicate the project concept.

Text Explanation:

- Each sheet must contain explanatory text that describes and supports your design decisions.
- Text should be clear and concise, highlighting the main ideas and features of the project.

Content to Include (per sheet):

- Design Concepts: Conceptual drawings, diagrams, and sketches.
- Plans, Elevations, and Sections: Architectural plans, cross-sections, and elevations.

- Views and Renderings: 3D views, perspectives, or rendered images of the project.
- Diagrams: Illustrations explaining circulation, spatial relationships, environmental or structural concepts.

Resolution and Quality:

- All sheets should be high-quality, legible, and visually clear.

File Size:

- The total file size should not exceed 20 MB.

Naming Convention:

- The file should be named as: CompetitionName_ParticipationCode.pdf

Anonymity:

- No names, logos, or identifying marks should appear on any of the submitted sheets to ensure anonymity during judging.

Submission Guidelines

Sign in to Your Account:

- Visit the Archiol website and sign in to your account.

Access Your Competition Submissions:

- In the header, click on the arrow beside your profile picture. Select the option labeled "My Competition Submissions."

Submit Your Entry:

- Click on the "Submit My Entry" button.

Select Competition:

- Choose the competition name for which you wish to submit your entry.

Enter Participation Code:

- Input the participation code that was generated during your registration.

Title Your Submission:

- Provide a title for your submission.

Upload Title Image:

- Upload the image that will represent your project.

Upload Design PDF:

- Submit your project in PDF format (ensure it meets the competition's requirements).

Consent:

- Check the box to agree to the competition terms and conditions.

Submit:

- After filling in all required fields, click "Submit."

Confirmation:

- Your submission will appear in "My Competition Submissions" within 24 hours.

Eligibility

The competition is open to all architects, designers, students, and creative individuals globally. There are no restrictions on age or nationality.

Contact Details

For any inquiries or further information, please contact us at:

- Email: info@archiolcompetitions.com
- Website: www.archiolcompetitions.com