

Biography

Matt Mangano is a local business owner and resident of La Jolla. He moved to La Jolla after earning his engineering degree from Rutgers University and quickly became involved in the community. He works as a structural engineer in residential and small commercial design, while running his own business projects that include management of the Bird Rock Maintenance Assessment District and consulting with owners and designers in all aspects of residential design. He is an active member of the Bird Rock Community Council, La Jolla Community Planning Association, and La Jolla Historical Society, where serves on the Board of Directors, the Preservation Committee, and the Facilities Committee. Matt has a passion for surfing and soccer, and enjoys traveling with his wife, Emily.

Goal

The trustee position is an opportunity to bring my knowledge of the industry and analytical skill to the association. I am very passionate about keeping La Jolla an incredible place to live and to work, and I feel that I can provide a large amount of support and eventual leadership to the committees.

Contact

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Matthew Mangano

PE Civil, Business Owner, Active Community Member

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EXPERIENCE

Mangano Consulting, La Jolla, CA — Owner

JANUARY 2014 - PRESENT

- Management of the Maintenance Assessment District for Bird Rock, La Jolla
- Site Inspection and Framing Analysis
- Measurement and Drafting of As-Built Sites
- Architectural Design and Drafting and Permit Running

Patterson Engineering, Inc., San Diego, CA — Engineer

MARCH 2015 - PRESENT

- Structural Engineering Analysis and Design for a variety of structure including High-End Residential, Multi-Family, Mixed-Use, Commercial Tenant Improvements and Breweries
- Engineering Design Calculation, Detailing, Drawings, and Reports of Wood, Masonry, Concrete, and Steel Structures
- Specifications, Engineering Reports, and Technical Documentation Preparation and Review
- Client Meetings, Business Development, Site Visits, and Structural Observation
- CBC 2016, IBC 2015, ASCE 7-10, ACI 318-14, AISC, TMS
- Professional Use of: Bluebeam Revu, Enercalc, RetainPro, AutoCAD, Revit, Risa 3D, RisaFloor, Excel and Engineering Spreadsheets, Simpson Software, Forte, BC Calc

Turley Engineering, San Diego, CA — Structural Engineering Design Consultant

JANUARY 2013 - MARCH 2015

- High-Volume Project Engineering for Residential Additions and New Construction
- Original Design Applying Engineering Techniques and Analysis Within the Structural Discipline
- Structural Layout and Design Calculations including: Wind/Seismic Lateral and Shear Modeling, Beam/Column/ Foundation Analysis and Design
- Site Inspection and Framing Analysis
- Professional Use of: Enercalc, AutoCAD, Microsoft Excel, Forte 4.5, Simpson Software

CERTIFICATIONS

Professional Engineer

CA Board for Professional Engineers,
Land Surveyors, & Geologists
License 86747, Oct 2016

EIT

NJ State Board of Professional
Engineers & Land Surveyors
License 0114-EIT-01931,
Oct 2012

SKILLS & EXPERTISE

AutoCAD
Risa 3D
Revit
Enercalc
RetainPro
Bluebeam Revu
RisaFloor
Simpson Software
Structural Analysis
Foundation Design
Project Management
Construction Management
Microsoft Excel
Microsoft Outlook

ORGANIZATIONS

La Jolla Historical Society

Board of Directors, Preservation
Committee Member, Facilities
Committee Member
AUGUST 2014 - PRESENT

Structural Engineers Association Of California

San Diego Chapter, Associate
Member, Convention Committee
Transportation Chair, Business Forum

Avalon Beach Patrol, Avalon, NJ — *Lieutenant*

JUNE 2004 - SEPTEMBER 2013

- Responsible for: Management of 150 Employees, Scheduling, Training, Boat Repair, Purchasing
- Director of David J Kerr Memorial Race involving 150+ Competitors and 1000+ Spectators
- Certifications: AHA and Redcross CPR, First Aid Certified, PWC and Cold-Water Rescue, Confined Water PADI Diver

AV Agovino Associates, NJ — *Environmental Engineering Intern*

AUGUST 2010 - MAY 2011

- Practical field training in contamination/remediation of local sites.
- Assessment of the extent of soil and groundwater contamination related to releases from petroleum hydrocarbon underground storage tanks.

EDUCATION

Rutgers University, New Brunswick, NJ

BS Civil and Environmental Engineering

2007 - 2012

Design Environmental Engineering Facilities - Project Manager

- Capstone Design Project (Academic) - Managed a group of five engineers through the design of a stormwater runoff and bioretention system for the south end of Rutgers Highpoint Solutions Stadium
- Received highest grade possible for design and presentation to the CEE Department, graduate students, and local engineering firms
- Extensive work with: NJ BMP Manual, NJ/SoCal LID Manual, NJ Stormwater Rules and Regulations, HydroCAD

Activities and Societies: ASCE Student Chapter, Mens Club Soccer

Committee, Younger Members Forum
MAY 2015 - PRESENT

Bird Rock Community Council

Maintenance Assessment District
Manager
DECEMBER 2013 - PRESENT

La Jolla Community Planning Association

Member
JUNE 2015 - PRESENT

American Society of Civil Engineers

Associate Member, Structural
Engineering Institute
MAY 2014 - PRESENT

International Code Council

Member
NOVEMBER 2016 - PRESENT

Rutgers University Alumni

Association
Member, former Treasurer
APRIL 2013 - PRESENT

INTERESTS

Nomads SC (SDCSL), Arsenal FC,
Surfing, Physics, Mechanics,
Astrophysics, Civil and Structural
Engineering, Investing, Civic
Engagement

Languages

English
Spanish (elementary proficiency)