

**CORONADO**  
**COMMUNITY CONVENING**  
**OCTOBER 14, 2022**  
**FINAL REPORT**



**EMERALD KEEPERS**  
**EMERALDKEEPERS.ORG**



## EXECUTIVE SUMMARY

The Coronado Community Convening (CCC) was a first-ever community of interest gathering organized by the local non-profit, Emerald Keepers, to focus attention on actions Coronado can take to proactively (1) improve the Emerald Isle's contribution to restoring global ecological balance and (2) locally mitigate the impact of climate change. The event brought together a diverse group of expert speakers, representatives from local businesses and service groups, city leaders, first responders, the Navy, schools, faith organizations, and concerned and engaged citizens. Organized into small, diversified working groups, attendees were pre-briefed on the day's sequence of events before being fully immersed in focused presentations by experts, interactive dialogue, and progressive brainstorming to respond to the following questions:

- What are Coronado's key assets?
- What do we (Coronado citizens) value most about our community?
- What actions could be taken to mitigate environmental factors impacting these assets/what we value?

Throughout the day, individual and working-group ideas and responses — as well as surveys to elicit key takeaways from speakers' presentations — were collected and curated via Slido, a web-based survey app. Raw working group input is cataloged in Appendices. This report synthesizes the many good ideas generated during the CCC and focuses primarily on executable actions that can (1) mitigate the impact of climate change, sea-level rise, and air/water pollution in Coronado, (2) put teeth into Coronado's Climate Action Plan, and (3) make Coronado a model city of environmental sustainability.

## BACKGROUND

Emerald Keepers is the only civic non-profit organization in Coronado whose sole purpose is to address local needs related to environmental stewardship and sustainability. Emerald Keepers provides ecologically focused leadership to educate, foster awareness, provide a forum for discussion and debate, and promote achievable public-private, community-driven solutions to serve as a model city and ensure Coronado's sustainability for future generations.

## DISCUSSION

By inviting all sectors of the community to the CCC, Emerald Keepers was able to implement an interdisciplinary approach to problem solving. The goal of the CCC was to collaboratively explore and develop innovative and viable solutions to build climate resilience and sustainable practices — actions to mitigate environmental factors impacting Coronado's environmental assets.

Speakers were strategically selected to convey both hard facts and a sense of optimism amid the urgent call to action to mitigate climate change. The City's aspirational Climate Action Plan and Sea Level Rise Assessment were also presented followed by a panel discussion. Holistic overviews of climate change mitigations were provided by the speakers to educate and engage attendees prior to breakout sessions brainstorming possible



solutions. Participants were encouraged to dream big.

It is the responsibility of all Coronado citizens to care for the bay and ocean which surround us. We can no longer be irresponsible caretakers of natural resources and wildlife along our shores and in our waters.

## **PRIORITIZED AREAS OF ACTION**

CCC working groups brainstormed innovative ideas relevant to Coronado in the areas of Energy, Sea Level Rise, Personal Vehicles, Public Transportation, Navy Coordination, School and Youth, Clean Water, Drought, Food and Restaurants, Plastic and Waste, Green Practices, and Miscellaneous Solutions. A detailed list of ideas can be found in Appendix F. Synthesizing working group ideas, Emerald Keepers has prioritized four areas where immediate reasonable action can and should be taken:

### **1) ENERGY: DECARBONIZE AND ELECTRIFY**

- a. Join a CCA in 2023 for launch in 2025.
- b. Implement an education and incentive program to encourage citizens and businesses to electrify their homes, buildings, and cars.
- c. Install solar on all city buildings.
- d. Require all home remodels to include installation of solar.
- e. Require all new homes to be electric.
- f. Install EV charging stations at all city facilities and in publicly accessible locations throughout Coronado

### **2) TRANSPORTATION**

- a. Electrify all city vehicles.
- b. Electrify a smaller free shuttle and ferries with increased transportation to 32nd Street, Chula Vista, Liberty Station.
- c. Introduce mini-shuttle used by tourist and locals in lieu of driving a car like San Diego's FRED.
- d. Create on-off ferry-bus-shuttle ride passes and encourage use of free bus Youth Opportunity Passes between the Cays, Navy housing, and town.
- e. Establish pedestrian/bike only route to/from Coronado schools at the beginning/end of the day (close off 6th Street between A & G Avenues with provision for emergency vehicles).
- f. Incentivize carpooling for Navy personnel.

### **3) PLASTICS AND WASTE**

- a. Implement an education program for residents and businesses to better manage waste.
- b. Enact a ban on polystyrene, single-use plastics, and plastic bags.
- c. Require Zero Waste events in all city facilities.
- d. Actively manage organic waste program in compliance with SB138.
- e. Establish a goal for Coronado to become zero waste by 2040.
- f. Install waste can triads: Landfill, Loose Recyclables, Compost in all city facilities. Include Orange Avenue, beaches, and parks.
- g. Establish a borrow kit of zero waste supplies for local organizations to be reserved and checked out from the recreation center or library.

### **4) SEA-LEVEL RISE**

- a. Create a detailed action plan to prepare for sea level rise NOW.
- b. Set regular sand replenishment schedule and follow the Navy's lead to create berms during the winter months to save sand.
- c. Create living shorelines wherever possible — especially along open space areas. This includes marsh restoration and the creation of the "green necklace."



**RECOMMENDATION**

Coronado City Council establish a public-private working group to (1) review this report and (2) propose/consider ways that CCC priorities can be integrated into the Coronado Climate Action Plan.

**APPENDICES**

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## APPENDIX A – Agenda

- 8:15 am** Arrival and check-in, coffee & pastries
- 8:30am** **Welcome | Opening**
- 8:45am** **Keynote Presentation:** Seas the Moment: A Call to Advance the Understanding, Conservation, and Sustainable Use of Our Ocean in the 21st Century
- Speaker:* The Honorable Tim Gallaudet, PhD, Rear Admiral, US Navy (retired), CEO of Ocean STL Consulting; former Acting Administrator of the National Oceanic and Atmospheric Administration (NOAA); former Acting Under Secretary of Commerce for Oceans and Atmosphere and the Oceanographer of the U.S. Navy | Q & A
- 9:30 am** **Roundtable Discussion:** Coronado’s Assets
- 10:00am** Break
- 10:15am** **Local Hazards and Impacts of Climate Change: Science Insight**
- Speaker:* Mark Merrifield, PhD, Director, Scripps Center for Climate Impacts and Adaptations and lead author of the Sea Level Change chapter of the Fifth Assessment Report of the Intergovernmental Panel on Climate Change.
- 11:00am** **Roundtable Discussion:** Prioritized Local Hazards
- 11:45am** **Discussion Summary**
- 12:00pm** **Catered Zero-Waste Lunch**
- 12:50pm** **City Climate Action Plan & Sea Level Rise Assessment Overview:**  
Rich Grunow, Community Development Director  
Jane Thornton, Associate Planner, City of Coronado
- 1:05pm** **Moderated Panel Discussion: Action Items**
- Panelists:* Dana Olson, Electrification | Angelica Rocha, Transportation | Stuart Smits, Vision Casting
- Moderator:* Christina Slentz
- 2:20pm** **Roundtable Discussion:** Innovative Sustainable ideas for Coronado
- 3:15pm** **Community Sharing | Next Steps**
- 3:30pm** **Closing**

**THIS IS A ZERO-WASTE EVENT. PLEASE BE SURE TO BRING YOUR REUSABLE WATER BOTTLE**

## APPENDIX B – Guest Speakers

**THE HONORABLE TIM GALLAUDET**, PhD, Rear Admiral, US Navy (retired), CEO of Ocean STL Consulting

Keynote presentation: *Seas the Moment: A Call to Advance the Understanding, Conservation, and Sustainable Use of Our Ocean in the 21st Century*



Tim Gallaudet is an oceanographer with nearly forty years of experience in the U.S. government and private sector. He presently consults for several dozen startups, research institutions, and nonprofits working in the ocean, weather, climate, environmental, space, and veterans support sectors.

His most recent leadership positions included the acting Administrator of the National Oceanic and Atmospheric Administration (NOAA), the acting Under Secretary of Commerce for Oceans and Atmosphere, and the Oceanographer of the U.S. Navy. He has a Ph.D. in oceanography from Scripps Institution of Oceanography, where he met his wife Caren, a fellow Naval Academy graduate and former Navy diver. Their mutual passion for the sea is surpassed only by their commitment to develop the next generation of American leaders.

Gallaudet's forthcoming book on leadership will be published in 2023 and is titled *Holding Fast in Heavy Seas: Leading America's Top Ocean Agency in Turbulent Times*.

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**Mark Merrifield**, PhD, Director, Center for Climate Change Impacts and Adaptation | Scripps Institution of Oceanography

*Local Hazards and Impacts of Climate Change: Science Insight*



Mark Merrifield has spent the past two decades studying global and regional sea-level change. A Scripps alumnus, Merrifield returned to campus from a 20-year stint as director of the University of Hawaii Sea Level Center to direct the Center for Climate Change Impacts and Adaptation.

Merrifield's research areas include sea-level rise and climate variability, coastal oceanography, and nearshore processes. He received his PhD in Oceanography from Scripps in 1989, was a postdoctoral researcher at the University of New South Wales in Sydney, Australia, from 1989 to 1991, followed by a return to Scripps as a project scientist and researcher. In 1994, he joined the faculty at the University of Hawaii at Manoa in the Ocean Engineering department, subsequently moving to the Oceanography department from 1997-2017.

He has a longstanding interest in linking basic and applied research outcomes to practical solutions for societal benefit. Merrifield has had experience working with partners in academia, industry, government, and non-government organizations as the chair of the Global Sea Level Observing System, as the lead investigator of the Waves and Water Level component of the Pacific Integrated Ocean Observing System (PacIOOS), and as a lead author of the Sea Level Change chapter of the Fifth Assessment Report of the Intergovernmental Panel on Climate Change.

As the Center director, Merrifield is supporting and conducting research that advances the understanding of climate impacts and provides meaningful projections, while preparing the next generation of scientists, engineers, and policymakers in risk assessment and adaptation strategies.



CITY OF CORONADO

**RICH GRUNOW** is the City of Coronado’s Community Development Director. He has worked in land use and environmental planning with California public agencies for over 20 years, including stints in Capitola, the County of San Diego, and the City of San Diego. In Coronado, he manages planning and building staff, and is responsible for the City’s current planning, long range planning, building, active transportation, sustainability, code enforcement, and affordable housing programs, among others.

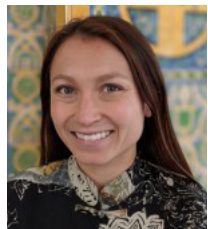


**JANE THORNTON** is an Associate Planner for the City of Coronado and comes from a unique background that blends municipal planning with consulting experience in planning, landscape architecture, and economics. She is the City’s project manager for the sea level rise planning efforts, and other long-range planning projects.

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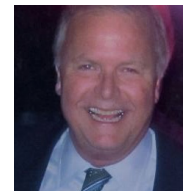
PANELISTS

**DANA OLSON**, PhD, is the Global Solar Segment Leader at DNV, responsible for global solar services, innovation, and technology development activities to address the evolving needs of the solar industry. Before joining DNV in 2018, he was a Technology Manager at the U.S. Department of Energy Solar Energy Technologies Office, where he managed and led research programs and consortia focused on PV module technologies. Prior to this, Olson was a senior scientist at the National Renewable Energy Laboratory. He served as an intelligence community fellow during his postdoctoral appointment at Sandia National Labs and completed his PhD at the Colorado School of Mines in materials science.



**ANGELICA ROCHA** is an experienced Transportation Planner in San Diego, California who lived in Coronado for several years. She works on innovative projects and plans in favor of increasing mobility options in San Diego and beyond. She has worked in the nonprofit, public, and private sectors supporting projects to improve mobility, livability, and the environment.

**STUART SMITS**, Managing Partner at 7 Generations, grew up surfing in Coronado, which led to his dedication to ocean conservation and related climate change initiatives. He served on several advisory committees involved in launching the California Climate Action Plan, as well as several innovative community organizations designed to scale climate change projects.



Smits is well versed in all aspects of renewable energy and has focused primarily on structuring innovative projects and business models designed to address the realistic challenges of climate change.

For the past 15 years, Smits has been engaged in developing renewable energy projects. He has worked with Native American tribes and municipalities in the U.S., Mexico, and Peru to launch innovative funding programs to support development of renewable energy projects.



**APPENDIX C – Invitees and Attendees**

**INVITED**

**ATTENDED**

|   |  |
|---|--|
| Mayor   |  |
| City Council Members (4)                              | 1 City Council Member (Attended lunch session)                 |
| City Manager  | Assistant City Manager   |
| City Manager Staff Member                             | City Manager Staff Member                                      |
| City Director Community Development                   | City Director Community Development (pm)                       |
| City Associate Planner Community Development          | City Associate Planner Community Development (pm)              |
| City Public Services Director                         |  |
| City Police Chief                                     |  |
| City Fire Services Chief                              |  |
| Lifeguard Captain                                     | Lifeguard Captain  |
| Library Services Director                             |  |
| Library Services Environmental Librarian              | Library Services Environmental Librarian                       |
| City Recreation Department Director                   |  |
| Recreation Program Supervisor                         | Recreation Program Supervisor                                  |
| Navy Regional Southwest                               |  |
| Naval Base Coronado Commanding Officer                |  |
| Naval Base Coronado Environmental Director            | Naval Base Coronado Environmental Director                     |
| Naval Base Coronado Community Plans & Liaison Officer |  |
| Congressman Scott Peters                              |  |
| County Supervisor Terra Lawson-Remer                  |  |
| Coronado Unified School District Superintendent       | Coronado Unified School District, Assistant Superintendent     |
| Coronado Unified School District Principals (4)       | CMS and Village Science Teachers (2)                           |
| PTO Presidents (4)                                    | CHS PTO President  |
| Sharp Coronado Hospital Chief Executive Officer       |  |
| Sharp Coronado Hospital Chief Financial Officer       | Sharp Coronado Hospital Chief Financial Officer (am)           |
| Port of San Diego Commissioner, Coronado              |  |
| SANDAG Chief Executive Officer                        |  |
| Coronado Chamber of Commerce Executive Director       | Coronado Chamber of Commerce Executive Director                |
| MainStreet Executive Director                         |  |
| Coronado Yacht Club Commodore                         | Coronado Yacht Club Commodore                                  |
| Coronado Cays Yacht Club Commodore                    | Coronado Cays Yacht Club Port Captain/ Dock Master             |
| Rotary Club of Coronado President                     | Rotary Club of Coronado President & Protecting the Environment |
| Past Co-Chair   |  |
| Optimist Club of Coronado President                   | Optimist Club of Coronado President                            |
| Floral Association President                          |  |
| Coronado Historical Association, Executive Director   | Coronado Historical Association, Executive Director            |
| Coronado Junior Woman’s Club & PAWS President         |  |
| SAFE Harbor Executive Director                        | SAFE Harbor Executive Director                                 |
| Islanders Ladies Club                                 |  |





|   |  |
|---|--|
| Coronado Promenade Concert                              |  |
| Coronado Art Association                                |  |
| Coronado Island Film Festival                           |  |
| Coronado Real Estate Association                        |  |
| Lamb's Players Theatre                                  |  |
| Fourth of July Committee                                |  |
| Discover Coronado                                       |  |
| Hotel Del Coronado                                      |  |
| Coronado Island Marriott Resort                         |  |
| Glorietta Bay Inn                                       |  |
| Lowe's Coronado Bay Resort                              |  |
| Ferry Landing Flagship Cruises & Events Director        |  |
| Blue Bridge Hospitality                                 |  |
| Night & Day Café  | Night & Day Café Owner                           |
| Clayton's   |  |
| Boney's Bayside Market                                  |  |
| Citizens Climate Lobby                                  | Citizens Climate Lobby Founder's wife            |
| Silver Strand Beautification                            | Silver Strand Beautification                     |
| I Love a Clean San Diego, Coronado Board Representative |  |
| EDCO, Chief Executive Officer                           | EDCO Sustainability Manager                      |
| CAL American Water Company                              | CAL American Water Conservationist               |
| Mobility Commission                                     | Mobility Commissioner                            |
| Arts and Culture Commission                             | Arts and Culture Commissioner                    |
| Street Tree Committee                                   |  |
| Surfing Community                                       | Surf Coach (CMS, CHS, SDSU, USD)                 |
| Coronado Shores   |  |
| NOAA - San Diego  |  |
| Coronado Eagle & Journal                                | Coronado Eagle & Journal Editor & Reporter       |
| Coronado Times  |  |
| Master Gardener   | Master Gardener                                  |
| Master Composter  | Master Composter                                 |
| City Council Candidates (3)                             | City Council Candidates (2)                      |
| Emerald Keepers   | Emerald Keepers (8)                              |
| Chabad of Coronado                                      | Chabad of Coronado representative                |
| Sacred Heart  | Sacred Heart representative                      |
| St Paul's United Methodist Church                       | St Paul's United Methodist Church representative |
| Graham Memorial Presbyterian                            |  |
| Christ Church   |  |
| Coronado Business Owners - Non-Restaurant (2)           |  |
| Community members who wanted to participate (8)         | Community members (5)                            |



## **APPENDIX D — Emerald Keepers Coronado Convening Committee**

### **ORGANIZING COMMITTEE**

Amy Steward  
Abby Berk  
Christina Slentz

### **TABLE FACILITATORS**

Mary Berube  
Ginger Cox  
Dot Harms  
Diana Drummy  
Kathleen Lennard  
Sharon Raffer  
Dawn Richards  
Tim Rush  
Gabby Slentz  
Dan' Steward  
Janet Thoms

### **HOSPITALITY & REGISTRATION**

Julia Elasaad  
LuAnn Miller  
Karen Rodgers

### **GRAPHIC DESIGN**

Martina Schimitschek

### **SLIDO SURVEYS**

Chloe Berk

### **SOCIAL MEDIA**

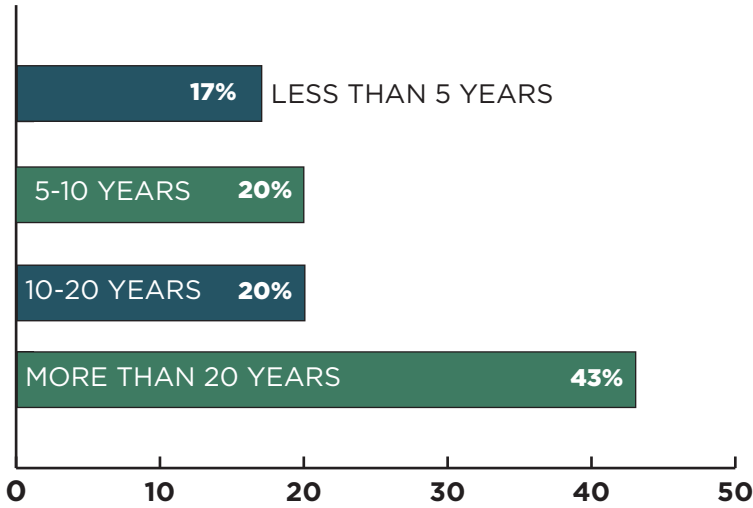
Elizabeth Wilder, We Work Volunteer



## APPENDIX E – Community Engagement Survey Data

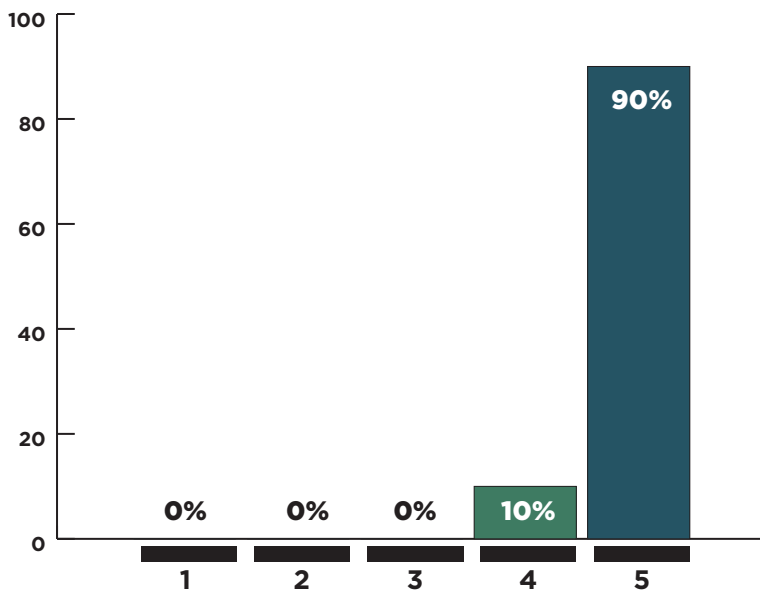
### HOW LONG HAVE YOU LIVED OR WORKED IN CORONADO

30 responses



### AFTER LISTENING TO THE HONORABLE TIM GALLAUDET, HOW WOULD YOU RATE THE IMPORTANCE OF OCEAN HEALTH TO OUR CORONADO COMMUNITY? (SCALE OF 1 TO 5, WITH 5 BEING THE MOST IMPORTANT) 39 responses

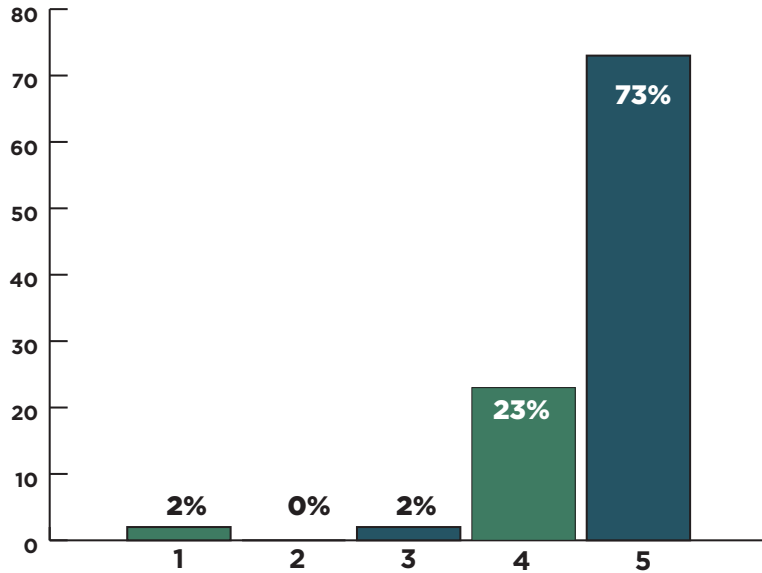
SCORE: 4.9



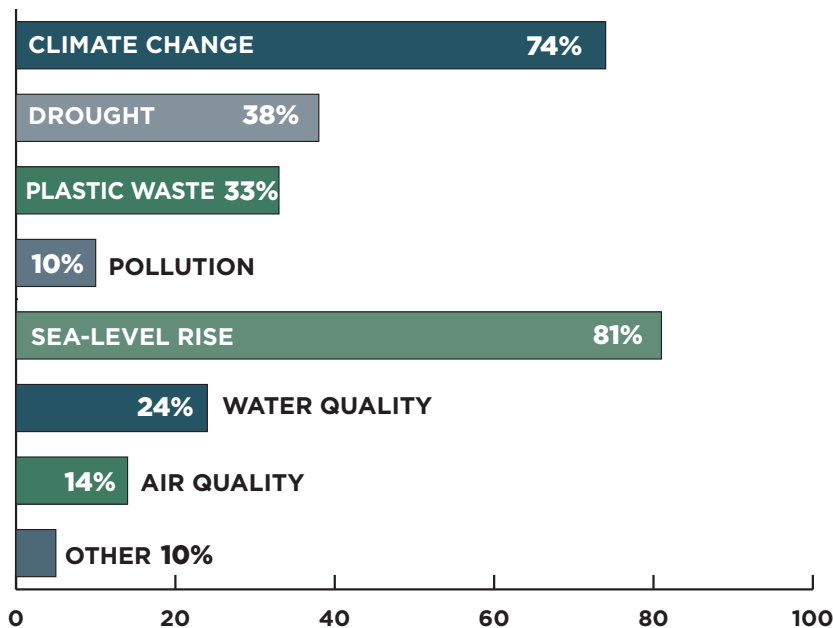


**AFTER LISTENING TO THE HONORABLE TIM GALLAUDET, HOW IMPORTANT IS IT THAT CORONADO ADDRESS CLIMATE CHANGE? (SCALE OF 1 TO 5, WITH 5 BEING THE MOST IMPORTANT)** *44 responses*

SCORE: 4.6

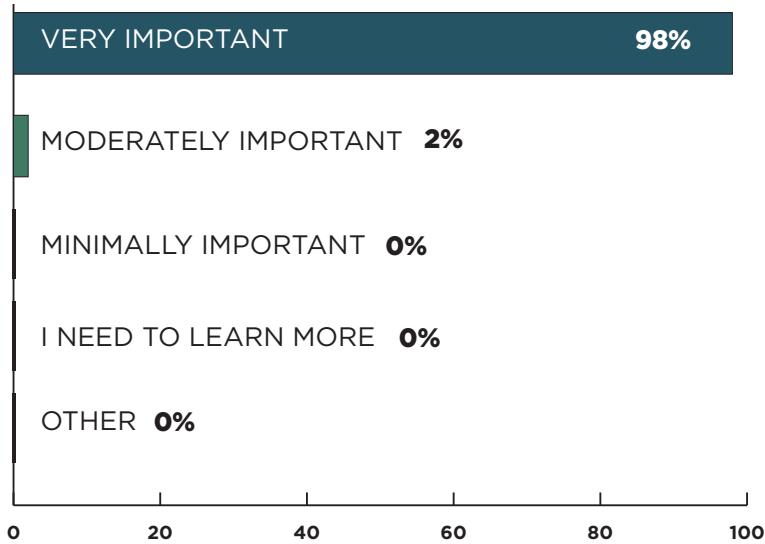


**AFTER LISTENING TO MARK MERRIFIELD, PLEASE INDICATE YOUR TOP THREE (3) ENVIRONMENTAL CONCERNS FOR CORONADO.** *42 responses*

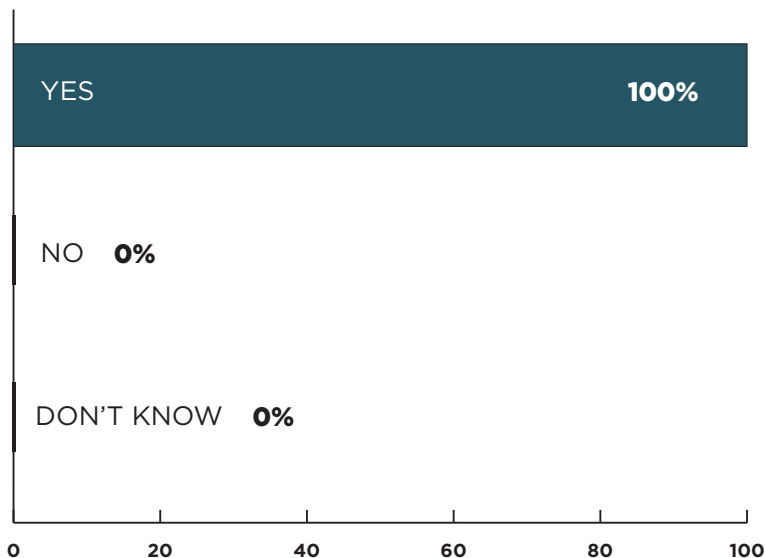




**AFTER LISTENING TO THE MORNING SPEAKERS, HOW IMPORTANT DO YOU THINK IT IS FOR CORONADO TO TAKE ENVIRONMENTAL ACTION?** *40 responses*



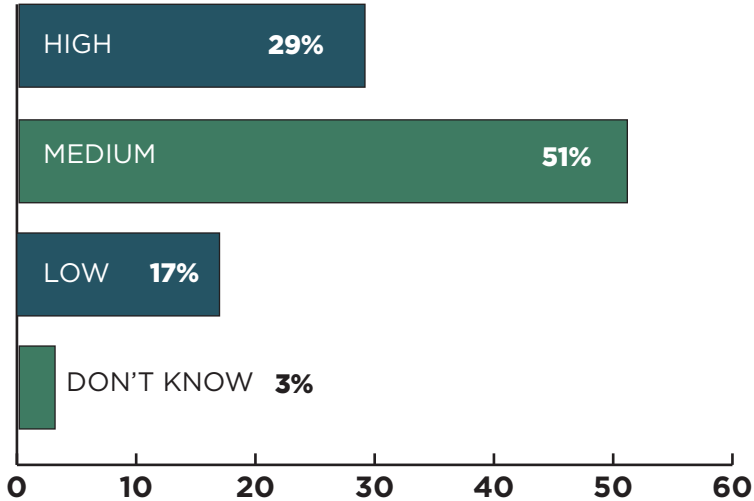
**DO YOU THINK CORONADO SHOULD BE DOING MORE FOR OUR ENVIRONMENT?** *21 responses*





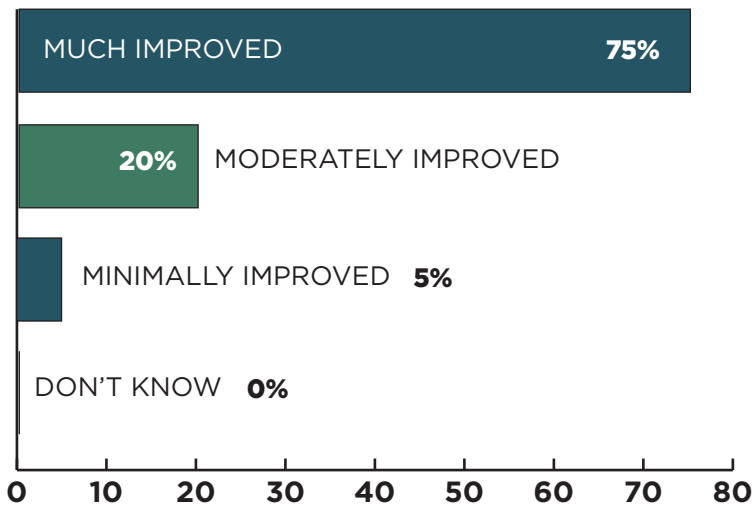
BEGINNING OF THE EVENT:

**WHAT IS YOUR CURRENT KNOWLEDGE OF CORONADO'S ENVIRONMENTAL ISSUES?** *41 responses*



END OF THE EVENT:

**AFTER ATTENDING TODAY'S CONVENING, HOW HAS YOUR KNOWLEDGE OF CORONADO'S ENVIRONMENTAL ISSUES CHANGED?** *20 responses*





## **APPENDIX F – Collaborative Table Brainstorming Notes**

### **INNOVATIVE SUSTAINABLE IDEAS**

*The greatest threat to our planet is the belief that someone else will save it.*  
-Robert Swan

Each discussion group brainstormed Coronado’s environmental assets and things we value followed by environmental impacts to these valued assets. Finally, groups brainstormed actions to mitigate environmental factors impacting these assets

#### **ENVIRONMENTAL ASSETS**

Ocean & beaches  
Bay  
Beach  
Trees  
Heritage Trees  
Clean beaches  
Climate  
Weather  
Ecological diversity – Plants and Wildlife!  
Parks  
Silver Strand State Beach  
Wetlands  
Native plants and natural landscaping

#### **ENVIRONMENTAL ASSETS**

Ocean & beaches  
Bay  
Beach  
Trees  
Heritage Trees  
Clean beaches  
Climate

#### **ENVIRONMENTAL ASSETS**

Ocean & beaches  
Bay  
Beach  
Trees  
Heritage Trees  
Clean beaches  
Climate  
Weather  
Ecological diversity – Plants and Wildlife!  
Parks  
Silver Strand State Beach  
Wetlands  
Native plants and natural landscaping

Views (mountains, Point Loma, Coronado Islands, Mexico)  
Eel grass, kelp, sea grass  
Recycling  
Flora & fauna  
Green space

#### **VALUES**

Beach access  
Clean Beaches  
Water activities  
Exposure to water  
Walking / Biking Routes and infrastructure  
Small town next to large metropolis  
Temperate climate  
Quality of Life  
Community Events  
Hotel Del  
Navy (good and bad)  
Coronado – a playground for all ages  
Community connection to environment  
High School and Middle School hands-on opportunities in garden and compost  
Historic resources  
Financial stability  
Information via social media  
Emerald Keepers

#### **IMPACTS TO ASSETS**

- Sea Level Rise
  1. What is the breakpoint / departure point from adaptive management approach and punitive interventions?
  2. Engineering solutions: We have the \$150B from Congress.
  3. Less land for endangered species
- Coast and beach



- Infrastructure – sewage and water
- Water quality
- Quality of life
- Prioritize use of water (trees, plants, lawns)
- All species impacted
- Warming climate – hotter, more humid days
- Jet fuel flyovers, noise pollution, air pollutions
- Coronado has resources to protect and mitigate impacts.
- Less tourism = reduced revenue for City budget
- Impact on wildlife
- Changing surf conditions
- Increasing water temperatures causes ocean currents to slow, greater rain dumps, flooding
- Drought impacts on parks & trees
- More heat days leads to more school closures
- Costs going up for many services (City and individual)
- Real estate
- Increasing CO2 in atmosphere
- Increased air pollution
- Fear based community reaction
- Loss of green space
- Sewage flows
- Competition for resources
- Landscaping needs to change
- Unintended consequences of “advances”

## **BRAINSTORM OF WAYS TO MITIGATE IMPACTS SORTED BY CATEGORY**

### **OVERARCHING CONCEPTS**

Make an action plan for today and for the future

- Be proactive - get out in front of the problem.
- Learn more about what is in our backyard (from Scripps; NOAA etc.)
- Improving weather models -put out warnings - be more precise
- Be open to using new data, chemical discoveries and new technology
- Ocean mapping (discover more of what ocean holds for us)
- Assess needs
- How to get things done - through partnerships and

collaborating?

- Citizen CIEP Initiative on the city council agenda and organize a lobbying effort
- After making needed changes high priority for Coronado, the development of programs to be implemented by 2030 has innovative and highly researched ideas that have changed the transportation options, utilized effective energy programs, and given the community exciting ways to participate in a community that has made important changes to Ocean Blue Emerald Green.
- Human-centric vs. Earth-centric

### **ENERGY**

- Join a CCA; leverage it to encourage citizens to electrify their kitchens, cars, etc.
- Require all remodels of residential, business, and City entities to solarize buildings (The law requires all new construction to install solar.)
- Promote Solar Power to offset the expense of other green projects: sewer, beaches
- Increase deployment of solar – residential and city
- Streamline the permit process to expedite solar installation
- Establish a Power committee to explore grants for solar projects (city, schools, churches etc.) that would allow for securing large grants and energy sharing between facilities
- All buildings now and future to be solar
- IRA for solar on city buildings and school buildings
- Solarize all city buildings and store energy on site
- educate people/leaders about accessing green bonds and tax incentives
- Viridi – Energy storage on site / saving energy that would be lost.
- Buy back for solar

### **SEA LEVEL RISE**

- Partner with the Port to mitigate sea-level rise
- Sand replenishment on beaches and harbor
- A detailed action plan to prepare for sea level rise NOW. When we see water, it is too late.
- Living shore lines





## **CARS AND CARTS**

- Bike & Golf cart parking
- Electrify all city vehicles
- Increase electric charging stations
- Make Coronado an electric-only vehicle city—golf carts and ebikes & electric buses
- Establish golf cart sharing program
- Review residential and new construction (particularly ADU) parking regulations
  - Incentivize shared residential parking
- Reevaluate parking incentives/disincentives
  - e.g., lack of parking meters encourages driving to & parking downtown
  - more parking meters can deter use of POV
  - money from meters can be put to environmental use
  - build parking garage and leverage free shuttle/mini-shuttle
- No parking on Orange Avenue - only bike path and through traffic
- Educate people/leaders about accessing green bonds and tax incentives
- EV charging stations everywhere

## **PUBLIC TRANSPORTATION**

- Electrify Coronado
- Free electric shuttle all year-round
- Electric ferry
- Introduce mini-shuttle (use by tourists and locals in lieu of driving a car like San Diego's FRED )- Call it NADO
  - Small golf cart shuttles travel on Coronado roadways daily transporting people and encouraging less use of cars.
- One day on-off ferry-bus-shuttle ride passes (think Eurail Pass)
- Increase public transportation (See free Youth Opportunity Pass under School | Youth)
- Introduce a bridge toll to (1) encourage ride sharing (Navy vans/buses and slug lines), (2) generate funds to support regional cargo reduction
- Congestion pricing (particularly in coordination with US Navy)

## **CITY**

- Be proactive with policy.
- Lead not follow.
- Blue money - Stuart Smits to help with TJ issue to build a plant
- Electrify all city vehicles
- Join a CCA; leverage it to encourage citizens to electrify their kitchens, cars, etc.
- Bike & Golf cart parking
- Hire a sustainability director (educate all employees and groups)
- More City support is needed

## **CONSTRUCTION**

- Require all new residential, business, and City entities to solarize buildings (heat, A/C, kitchen appliances and laundry, EV charging)
- Re-evaluate residential and new construction (particularly ADU) parking regulations - incentivize shared residential parking
- Require new construction/remodel and developers to install solar, cool roofs, EV charging system connections, and other environmentally “correct” systems. Yes, these requirements come with a cost but if incentives are good for affecting behavior change, directives are better.
- IRA CREDITS for solar and energy saving appliances
- Code for new builds/developments to include requirements for gray water and solar

## **BIKABLE AND WALKABLE COMMUNITY**

- Move bike lanes to inside between parked cars and curb (vice outside parked cars)
- Or remove all bike riding on Orange Avenue - Walk your wheels.
- Convert Orange Avenue median into working median: walking path and bike lane
- Establish pedestrian/bike-only route to/from Coronado schools at beginning/end-of-day periods on week days (e.g., closing off 6th St. between A & G avenues) but making provision for emergency vehicles
- Remove bicycles from ALL sidewalks.
- Turn Orange Avenue downtown into a pedestrian zone



- Increase walkability and accessibility within the community so residents and visitors can walk/bike more
- Install E-bike chargers
- Reevaluate parking incentives/disincentives
  - e.g., lack of parking meters encourages driving to & parking downtown
  - more parking meters can deter use of POV
  - money from meters for environmental use
  - build parking garage and leverage free shuttle/mini-shuttle
- Introduce one day on-off ferry-bus-shuttle ride passes (think Eurail Pass)
- Bike & golf cart parking

#### **NAVY COORDINATION**

- Congestion pricing (particularly in coordination with Navy)
- Introduce a bridge toll to (1) encourage ride sharing (Navy vans/buses and slug lines), (2) generate funds to support regional cargo reduction
- Incentivize carpooling for Navy personnel
- Increase ferry lines to 32nd Street, Chula Vista and Liberty Station
- NASNI to NAB electric shuttles

#### **SCHOOL | YOUTH**

- Electric school bus
- Educational outreach in schools
- School community project – Seal of Civic Engagement – environmental focus – new California Environmental Education Framework
- Student awareness grades K-12
- IRA for solar on school buildings
- The Youth Opportunity Pass pilot program allows anyone 18 and under to ride transit for free in San Diego County with a PRONTO youth account. This includes unlimited rides on the bus, Trolley, COASTER, and SPRINTER through June 30, 2023.
- Public/ private partnerships to put solar on schools
- Establish pedestrian/bike-only route to/from Coronado schools at beginning/end-of-day periods on week days (e.g., closing off 6th St between A & G Aves) but making provision for emergency vehicles
- OR Stop families from driving kids to school – safety

- Network of opportunities to share resources
- Youth contest to drive innovative climate solutions
- Kids coalitions to share ideas -- intergenerational
- Need more science opportunities for students – Emerald Keepers Teacher Liaison to Schools
  - Lunch with a scientist
- Career Pathways: environmental
- Create a network of opportunities to share resources from community connections, the public and private sectors resulting in an “aquarium” showcasing ideas and promoting education through telling our stories

#### **WATER: DROUGHT AND CLEAN WATER**

- Blue bonds to help with the Tijuana River Valley
- New storm drains
- Increase grey-water use
- Code for new builds/developments to include requirements for gray water and solar
- Funding for sewage pollution
- Turf removal for water conservation/heat decrease/natural ecosystems
- No plastic grass campaign
- Reef-safe sunscreen dispensers at beach
- Transition to native plants/drought tolerant landscape to mitigate cost of water

#### **FOODS AND RESTAURANTS**

- Reduce beef intake – Meatless Mondays
- More Emerald Green, Ocean Blue Restaurants

#### **OTHER GREEN PRACTICES**

- Support working from home when possible
- Preserve green space and tree canopies
- Establish better resources sharing on a local/neighborhood level
- Establish a tool share on Saturday mornings
- Entertain check-out at Library (plates, utensils, napkins)
- All of Coronado: Restaurants, Businesses, CUSD, City Government, and houses and apartments are plastic free, initiating and implementing exciting changes in the use of energy, transportation, and reusing, recycling, and zero waste. Coronado is a model coastal city, continuing to use innovative programs and ideas to address even better ways to reach our goals. Stickers and posters on windows



and storefronts proudly display this effort that had been done step by step with often celebrations and educational events. Efforts include the partnership of the military, local universities, NOAA and other organizations, and government grants and incentives.

## **PLASTICS | WASTE**

- All of Coronado: Restaurants, Businesses, CUSD, City Government, and houses and apartments are plastic free, initiating and implementing exciting changes in reusing, recycling, and zero waste.
- Community Compost
- Triad of waste cans: Landfill, Loose Recyclables, Compost
- NO SINGLE-USE PLASTICS – Plastic Ban.
- Ban single-use plastics
- City to require Zero Waste Events in all of their facilities.
- Establish a “borrow kit” of zero waste supplies for local organizations that want to host zero waste events.

## **OTHER**

- Knowledge sharing between municipality, counties, universities
- Reflect on positive outcomes of past environmental projects and native practices/what can we learn from previous generations.
- Look into residential wind power. The Dutch are exploring the idea of rooftop wind turbines.
- Education of the public – easily understandable
- City needs to be more engaged
- Residents can be more proactive in policy – need a loud collective voice.
- Policy needs to address and engage in current models.
- Use nuclear energy
- Need wind energy
- More outdoor spaces for retail and business
- Labeling and accountability – limit green-washing
- Local action moves the world
- 555 District – Live on our own grid/solar (batteries??)
- Oversight community – Blue Bonds
- Develop programs to incentivize (like Emerald Keepers’ Emerald Green, Ocean Blue Restaurants

and Businesses) and include schools, Individuals, and community groups

- Bins near major beach entrances or hotel entrances where tourists can leave sand toys, beach chairs, towels that they bought here but don’t want to haul back home from their vacation. They can be available for new vacationers to take and use instead of being thrown away. Extra towels collected can also be donated to local animal shelters.

## **OTHER THOUGHTS**

- Collaboration empowers communities
- Chamber to help with plastic reduction
- Loud collective voice to City Council and policy needs to address and engage in current models.
- Who gets attention from Port and City?
  - Study most effective lobbying techniques and how to work the system
  - Use religious groups (EARTH MOVEMENT), NGOs, indigenous
  - Money in blue bonds
  - Big picture vs. small. (“No more small ball”)
  - Inflation Reduction Act = Direct payment
- Form coop of nonprofits to initiate projects (EV battery storage, carbon sequestration) to provide assets form NGOs
- Solar panels in Cays on flat-roofed garages and CCYC
- City Office for sustainability that gives us 1-stop shopping rather than being spread out between offices.
- Storage for batteries
- Liaise with sister cities to share ideas/resources NOW.
- Work with South Bay non-profits
- Project initiation by NGOs using shared revenue sources.
- Become a 555 District!
- Career Pathways: environmental work should be PAID not just volunteers
- Reflect on positive outcomes of past environmental projects