

**AGENDA
TOWN OF JUPITER
BEACH COMMITTEE MEETING
COMMUNITY CENTER ROOM A
MONDAY, APRIL 22, 2024
6:00 PM**

Call to Order

Roll Call:

Emily Johnson (Chair)
Shirley Brostmeyer (Vice-Chair)
Louis "Coke" Coakley
Troy Holloway
Chase Malcom
David Uhlfelder
Gail Whipple
Peter Fitzer (ALT)
Rick Opton (ALT)
John Pugsley (ALT)
John Smith (ALT)
Laura Cahill, Staff Liaison

If you would like to speak on any item, please submit a Comment Card.

CITIZEN COMMENTS

All Non-agenda items are limited to three (3) minutes. Anyone wishing to speak is asked to go to the podium and state his/her name and address for the record. **The Committee will not discuss these items this evening.**

MINUTES

1. July 24, 2023 Beach Committee Meeting Minutes.

PUBLIC BUSINESS

2. County Beach Project Updates – Mr. Andy Studt, Project Manager of Palm Beach County Environmental Resources Management.
3. Election of Chair and Vice-Chair.
4. Friends of Jupiter Beach - Quarterly Update.

REPORTS

COMMITTEE MEMBERS

ADJOURNMENT

Beach Committee Future Meetings
July 22, 2024 6PM

**FINAL AGENDA AND MINUTES
TOWN OF JUPITER
BEACH COMMITTEE MEETING
COMMUNITY CENTER ROOM A
MONDAY, JULY 24, 2023**

Chair Chase Malcom called the meeting to order at 6:00 P.M.

Roll Call; Chase Malcom (Chair) Louis “Coke” Coakley; Gail Whipple; John Pugsley (ALT); and Laura Cahill, Staff Liaison. Rick Opton (ALT) arrived at 6:02 P.M. Emily Johnson (Vice-Chair); Shirley Brostmeyer; Peter Fitzer; Troy Holloway; David Uhlfelder; and John Smith (ALT) were absent.

MINUTES

1. April 24, 2023 Beach Committee Meeting Minutes.

Ms. Gail Whipple moved to approve the April 24, 2023 Beach Committee Meeting Minutes; seconded by Mr. Coakley; motion passed.

Malcom	Coakley	Whipple	Pugsley
Yes	Yes	Yes	Yes

PUBLIC BUSINESS

2. How and why we keep our beaches clean – Senior/Junior Project presentation by Ms. Caelin Partida and Ms. Sophie Nguyen.

Ms. Partida and Ms. Nguyen, Jupiter High School students, gave a presentation to spread awareness to school age children on keeping the beaches clean. They included organizations that shared their passion to improve beaches and their goals, initiatives, and accomplishments. They also created a game for the children to play to teach about keeping the beaches clean.

Ms. Whipple asked why they wanted to present to the Committee.

Ms. Partida stated they wanted to receive feedback to improve their project and presentation.

Mr. Coakley asked if they had any metrics to measure their efforts.

Ms. Nguyen stated they had not started on the metrics part of the project.

The Committee suggested the students to reach out to Friends of Jupiter Beach to help with the metrics.

The Committee and students discussed the Jupiter Environmental Research and Field Studies Academy (JERFSA) program and the Town’s PURE program.

The Committee thanked Ms. Partida and Ms. Nguyen for their presentation.

PUBLIC BUSINESS

3. Election of Chair and Vice-Chair.

Ms. Whipple motioned to elect Ms. Emily Johnson for Chair and Ms. Shirley Brostmeyer for Vice-Chair; seconded by Mr. Malcom.

Malcom	Coakley	Whipple	Opton	Pugsley
Yes	Yes	Yes	Yes	Yes

4. Friends of Jupiter Beach - Quarterly Update.

Ms. Mary Aguiar, Executive Director of Friends of Jupiter Beach (FJB), reviewed the second quarterly report of 2023, stating the amount of trash picked up and the total volunteers for most recent cleanups. She also mentioned the dog bag stations, Beach Ambassadors, and handicap beach mats.

Mr. Coakley mentioned reaching out to the County and State regarding the beach mats due to sea turtle nesting.

Mr. Opton asked if the mats were permanent.

Ms. Aguiar stated the mats rolled up and could be moved.

The Committee discussed the cost and possibility for grants.

Ms. Aguiar mentioned a few events being held by the FJB including the next beach cleanup on August 5, 2023, International Coastal Cleanup on September 16, 2023, and the FJB Annual Corn Hole tournament on October 21, 2023.

REPORTS

COMMITTEE MEMBERS

Mr. Coakley stated he had forwarded his concerns to the Staff Liaison regarding debris along the west side of A1A near Karen Marcus Park and how quickly it had been cleaned up. He also mentioned concerns regarding pallet burning on the beach but had not heard of one in the past few weeks.

Mr. Coakley also stated his wife had seen a giant loggerhead turtle in the Carlin Park parking lot. He said Jupiter Police was there and Loggerhead Marinelife Center was notified.

Ms. Whipple asked the Staff Liaison to follow up on any North County projects being completed by the Institute for Regional Conservation (IRC) to plant on the dunes.

ADJOURNMENT - 6:38 P.M.

Laura Cahill, Staff Liaison

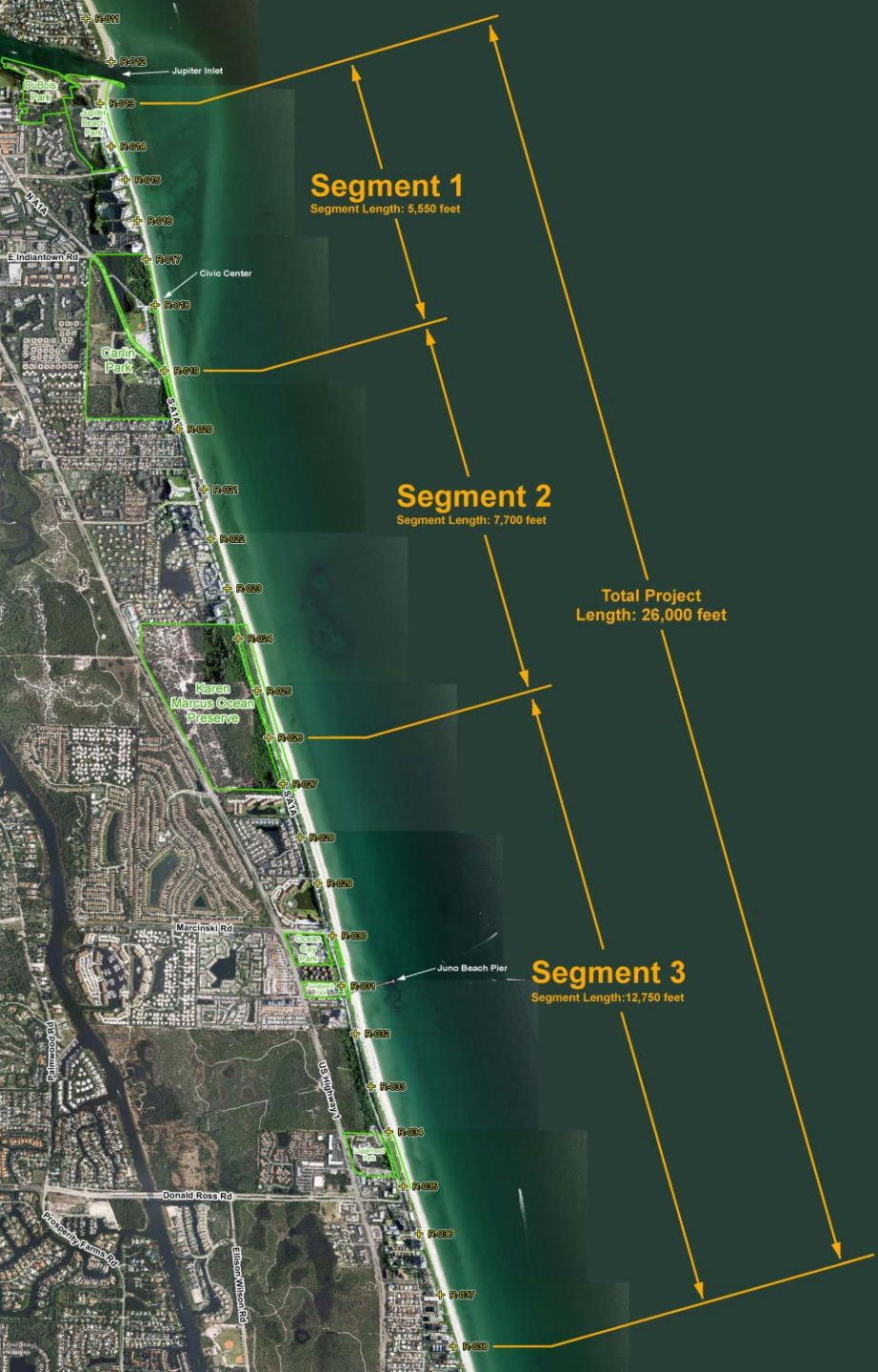
Chase Malcom, Chair

Town of Jupiter Beach Committee Updates April 2024



Andy Studt
Palm Beach County
Dept of Environmental Resources Management

North County Comprehensive Shore Protection Project



- Total Project Length – 4.92 miles
- Segment I – Traditional Jupiter/Carlin Project Area
 - 5,550 ft length
 - 150-200 ft berm width
- Segment II – South Jupiter Segment
 - 7,700 ft length
 - Dune-only Restoration and Maintenance
- Segment III – Traditional Juno Beach Project Area
 - 12,750 ft length
 - 150-200 ft berm width

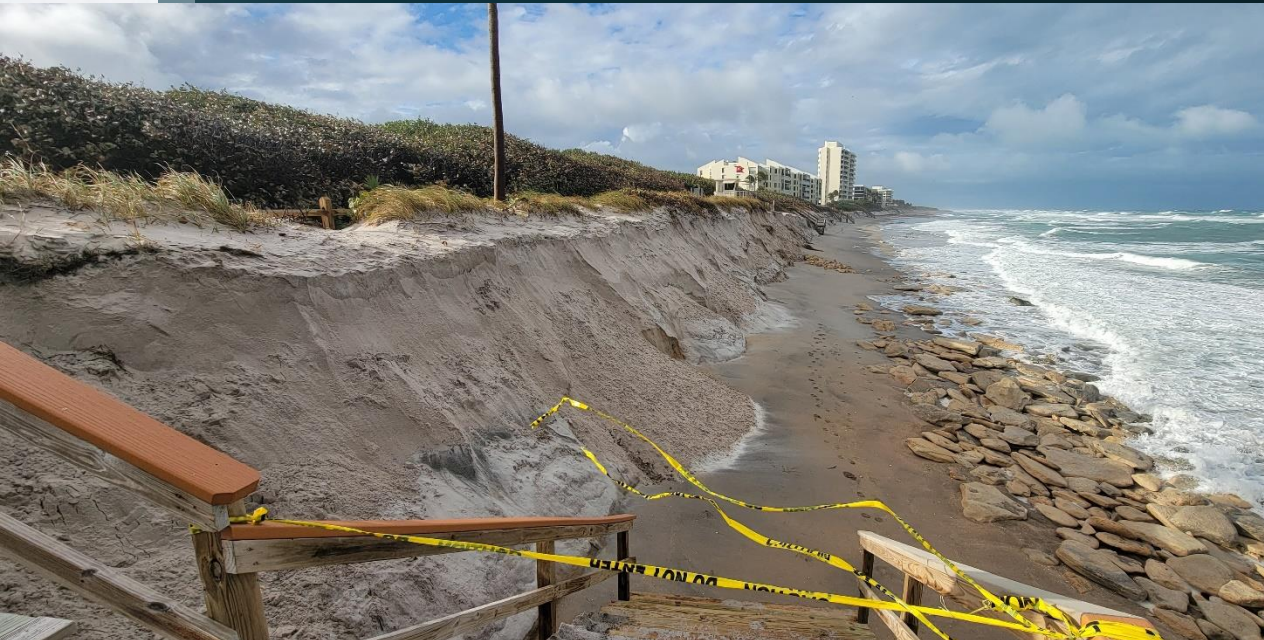


Fall 2023/Winter 2024 Erosion





Fall 2023/Winter 2024 Erosion





Project History – Jupiter/Carlin Segment



- Beach Nourishment
 - 1995 603,000 CY
 - 2002 626,000 CY
 - 2015 424,000 CY
 - 2020 513,000 CY
 - 2022 409,000 CY
- 2022 Restoration Facts
 - ~\$7M Total Cost
 - 50% External Cost Share
- Fall 2023 / Winter 2024
 - Severe Erosion Hotspot
 - Accelerated Sand Movement
- 2024 JID Maintenance
 - 2024 ~140,000+ CY (ongoing)



Project History – South Jupiter Dune



- Dune Nourishment
 - 2016 3,300 CY
 - 2020 5,000 CY
 - 2022 27,595 CY
- 2022 Restoration Facts
 - \$1.4M+ Total Cost
- Fall 2023 / Winter 2024
 - Limited Dune Erosion
 - Accretion South of R. Club
 - Beach Stabilizing
 - Ongoing Vandalism Issues



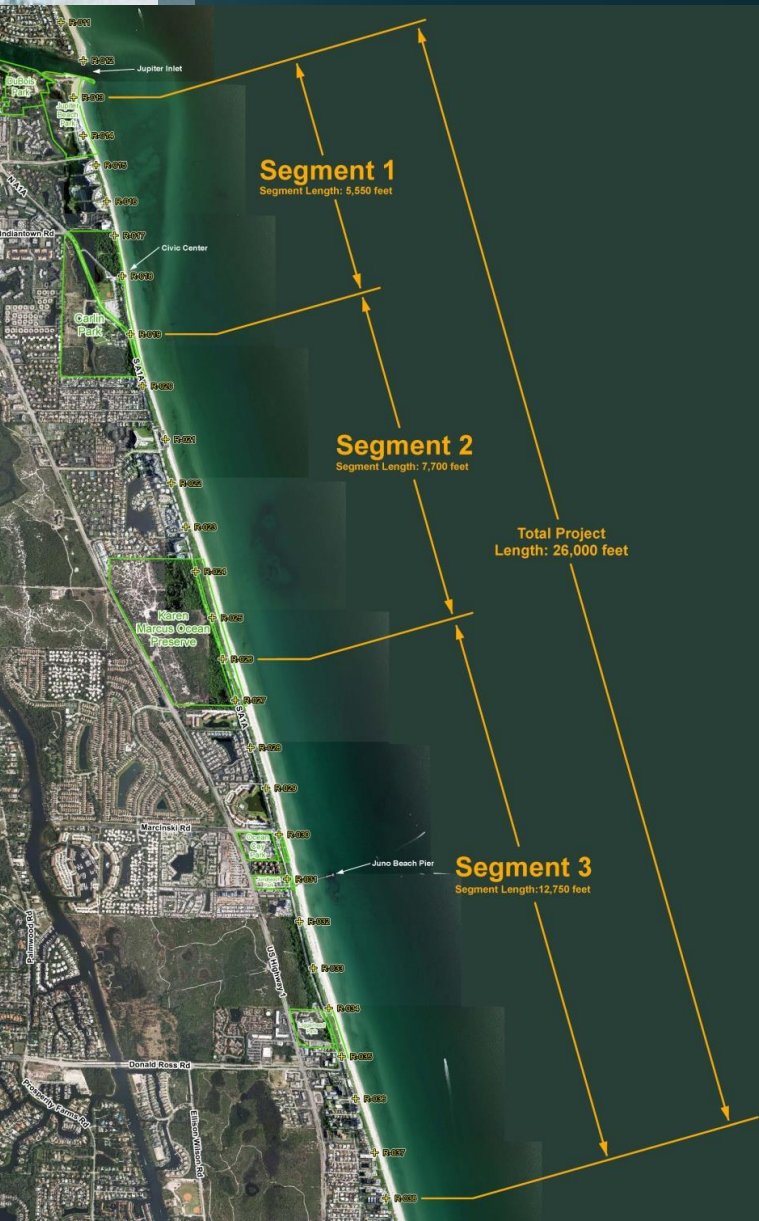
Project History – Juno Beach Segment



- Beach Nourishment
 - 2001 1,000,000 CY
 - 2010 925,000 CY
 - 2021 991,000 CY
- FY2021 Project Facts
 - ~\$15M Total Cost
 - 95% External Cost Share
- 2022 Hurricane Nicole
 - 207,745 CY Damages
 - \$4,281,668 FEMA (75%)
 - \$1,051,963 FDEP (100%)
- Fall 2023 / Winter 2024
 - Significant Damage South
 - Accretion North of Juno Pier



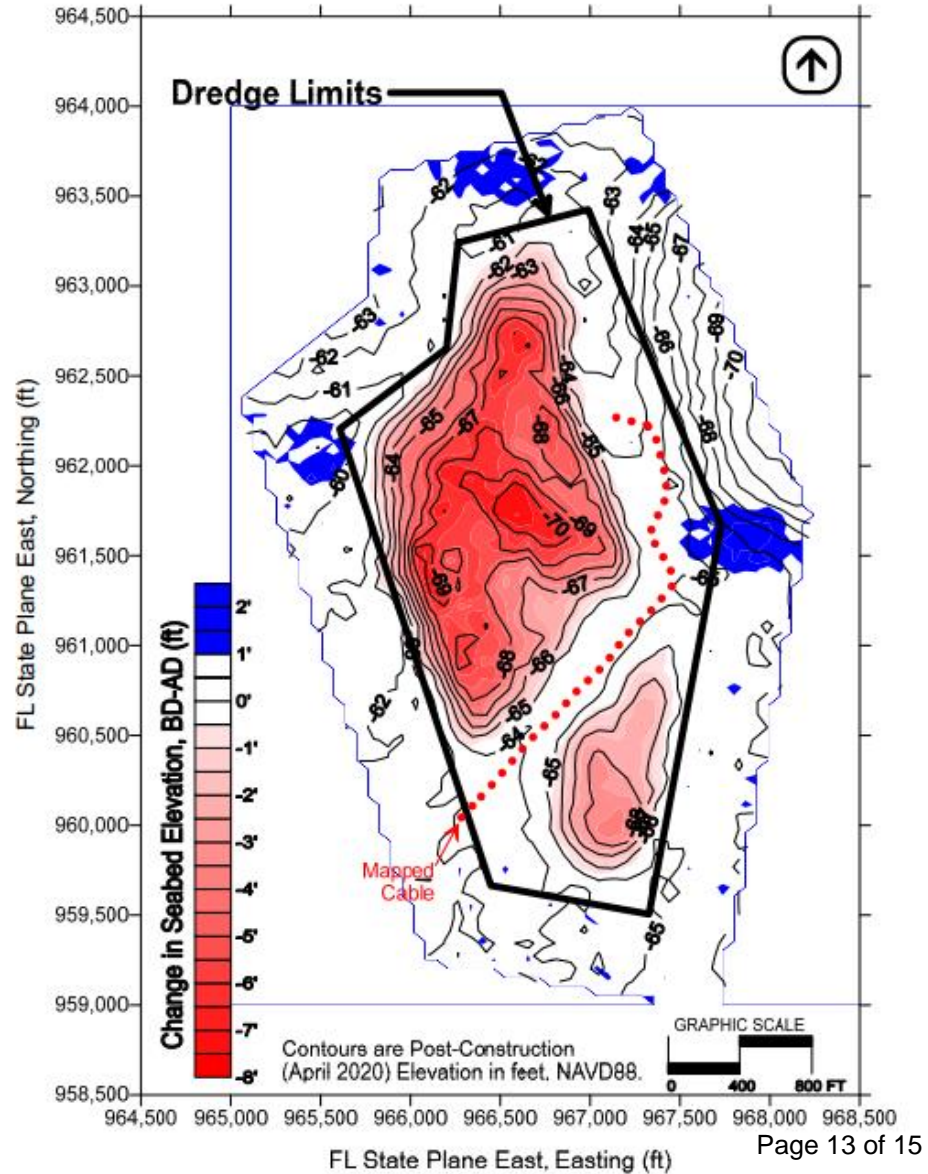
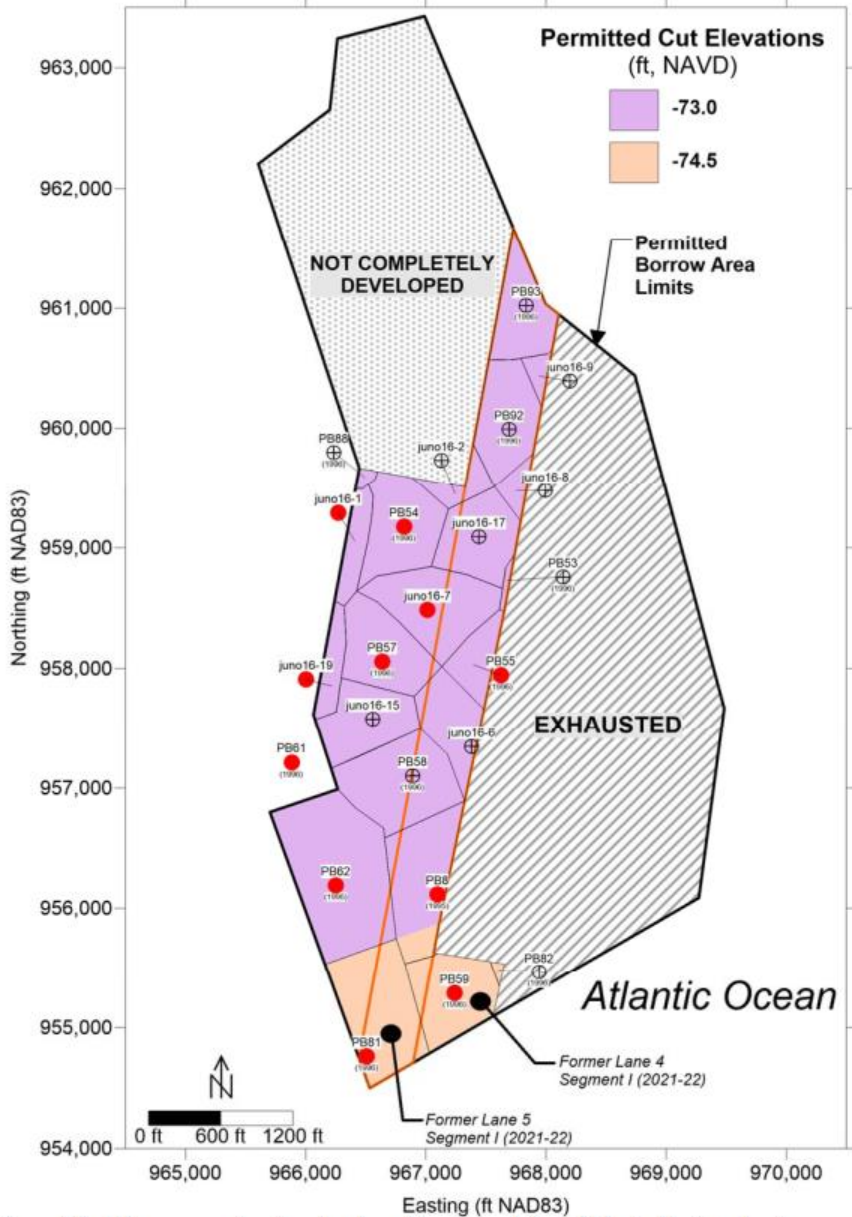
Project Status and Planned Construction



- Segment I (Jupiter/Carlin)
 - FY2022 409,000 CY Nourishment
 - ~7yr nourishment interval
 - FIND ICWW Maintenance FY2025
 - Potential Nourishment Winter 2026
 - Dune Construction as Needed (FY2025?)
- Segment II (South Jupiter)
 - Permitting- Major Permit Modification
 - FDEP Permit App Sent 2/6/2024
 - USACE Permit App Sent 2/29/2024
 - Potential Nourishment Winter 2026
 - Dune Construction as Needed
- Segment III (Juno Beach)
 - FY2021 991,000 CY Nourishment
 - ~10yr nourishment interval
 - Potential Nourishment Winter 2026
 - Dune Construction as needed



North County Sand Search





What's Next?

- Updated Annual Surveys to Assess Project-Wide Condition
- Normalization of Conditions and Summer Accretion
- Regrowth of Wind/Salt Damaged Native Vegetation
- Monitoring and Maintenance of Erosional "Hotspots"
- Ongoing Permitting for South Jupiter Dune Area
- Sand Search for Next Borrow Area



Questions?

Andy Studt

Program Supervisor – Coastal Resources

Department of Environmental Resources Management

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