

ADDITIONAL INFORMATION FOR FY19 DESCOPE

AOOS Cooperative Agreement NA16NOS0120027

REGIONAL OCEAN DATA PARTNERSHIPS (\$166,262)

An ASLC fiscal fee of \$7,917 will be charged to this project.

- a) **Personnel** (\$54,600) A Program Manager is budgeted for 78% FTE (1,622 hours) at a rate of \$70,000 per year to manage this project and be the primary staff for this project.
- b) **Fringe Benefits** (\$15,288) The Fringe Benefits rate for the Program Manager is 28% and includes health insurance and 401k contributions.
- c) **Program Staff Travel and Per Diem** (\$13,419) Travel expenses are requested for the Program Manager to travel to two Alaska communities to conduct two three-day workshops in Dillingham (\$1,945) – airfare of \$220, lodging for 4 nights at \$300 per night, and per diem for 5 days at \$105 per day; Unalaska (\$2,380) – airfare of \$1,300, lodging for 4 nights at \$145 per night, and per diem for 5 days at \$100 per day. Travel expenses are also requested for stakeholder travel from remote Alaskan communities to either Dillingham or Unalaska for seven participants (\$9,093) at an average cost of \$1,299 per trip which includes airfare of \$945, lodging of \$250, and per diem of \$104.
- f) **Contracts/Services**

Subawards (\$75,038)

Funds are included for directed subawards with University of Alaska Fairbanks and Axiom Data Science for the **Regional Ocean Data Partnerships Project**.

University of Alaska Fairbanks (UAF) was selected for the following subaward:

Regional Ocean Data Sharing (Walsh) (\$25,038) to provide outreach materials and community engagement activities for a new data sharing initiative.

Budget

						Year 1	Year 2	Total	
						Hours	Hours	Project	
SALARIES AND WAGES									
Senior Personnel			Hourly Wage	Leave Rate	Increase				
Total Number of Hours	Employee Name								
0.00	John Walsh, Jr.	FW - Adjunct Faculty, Non-	\$0.00	0.0%	1	0.0	\$0	\$0	
Total Senior Personnel								\$0	
Other Personnel									
Total Number of Hours									
50.00	Heather McFarland,	XR - Exempt Staff	\$29.95	22.6%	1.025	50.0	\$1,836	\$0	
110.00	Heather McFarland,	XR - Exempt Staff	\$30.23	22.6%	1.025	0.0	\$0	\$4,179	
80.00	Rick Thoman	FW - Adjunct Faculty, Non-	\$41.60	0.0%	1	40.0	\$1,664	\$1,664	
Total Other Personnel							\$3,500	\$5,843	
TOTAL SALARIES AND WAGES							\$3,500	\$5,843	
FRINGE BENEFITS									
Senior Personnel	John Walsh, Jr.	FW - Adjunct Faculty, Non-		10.9%			\$0	\$0	
Total Senior Personnel							\$0	\$0	
Other Personnel									
	Heather McFarland,	XR - Exempt Staff		40.7%			\$747	\$0	
	Rick Thoman	FW - Adjunct Faculty, Non-		10.9%			\$181	\$181	
Total Other Personnel							\$929	\$1,882	
TOTAL FRINGE BENEFITS							\$929	\$1,882	
TOTAL SALARIES AND BENEFITS							\$4,429	\$7,725	
CONTRACTUAL SERVICES									
	Description								
	Other Contractual Service	Printing Costs					\$1,300	\$2,700	
TOTAL CONTRACTUAL SERVICES							\$1,300	\$2,700	
A. MTDC (total costs subject to F&A)							\$5,729	\$10,425	
B. Facilities and Administration (F&A)						Sponsored Research	55.0%	\$3,151	\$5,734
C. Total Costs Exempt from F&A							\$0	\$0	
D. Total Direct Costs (A+C)							\$5,729	\$10,425	
E. Total Sponsor Request (B+D)							\$8,879	\$16,159	

Budget Justification

Estimated costs associated with the proposed project are detailed below. Costs are budgeted in accordance with Federal Regulations and UA Board of Regents policies. Unless otherwise stated, all rates are current and include annual increases where appropriate for subsequent project years.

Salaries:

Project will not be charged for time PI Walsh spends to administer it. 160 hours (0.9 mo.) for Heather McFarland and 80 hours (0.5 mo.) for Richard Thoman Jr. are requested for lifecycle of scientist coordination and community engagement/reporting.

McFarland’s salary is budgeted at a base of \$29.95/hour for FY20 and \$30.23/hour for FY21 to account for anticipated increases resulting from the University of Alaska market compensation project. Should these increases not occur as planned, the project will be charged actual salary at the time of effort. McFarland’s salary also includes a 22.6% leave reserve for professional salaries and a 2.5% annual cost of living increase.

Thoman’s salary is budgeted at a base of \$29.95/hour for FY20. Salaries for adjunct faculty do not include a leave reserve or inflation.

Benefits:

Staff benefits are applied according to UAF’s FY20 provisional fringe benefit rates. Rates are 40.7% for professionals and 10.9% for adjunct faculty. A copy of the rate agreement is available at <http://www.alaska.edu/cost-analysis/negotiation-agreements/>.

Contractual Services and Other Direct Costs:

\$4,000 is requested for printing services.

Indirect Costs:

Facilities and Administrative (F&A) Costs are negotiated with the Office of Naval Research. The rate for sponsored research at UAF is calculated at 55.0% (FY19-FY22 predetermined agreement) of Modified Total Direct Costs (MTDC). MTDC includes Total Direct Costs minus tuition and associated fees, scholarships, participant support costs, rental/lease costs, subaward amounts over \$25,000, and equipment. A copy of the rate agreement is available at: <http://www.alaska.edu/cost-analysis/negotiation-agreements/>.

Axiom Data Science was selected for the following subaward:

Regional Ocean Data Sharing: Bering Sea/Strait Region (Bochenek) (\$50,000) to develop a Bering Sea data portal, dashboard, and related digital information products.

Budget

		Sal/yr	Budget	MTDC
a. Personnel				
Rob Bochenek		120,000.00	3,600	3,600
Brian Stone		117,000.00	9,653	9,653
Elizabeth Dobbins		95,415.00	5,725	5,725
Will Koeppen		96,134.00	7,691	7,691
Jessica Austin		108,000.00	3,240	3,240
Stacey Buckelew		105,000.00	3,150	3,150
Total Personnel			33,058	33,058
b. Fringe Benefits (@25%)				
Rob Bochenek		25%	900	900
Brian Stone		25%	2,413	2,413
Elizabeth Dobbins		25%	1,431	1,431
Will Koeppen		25%	1,923	1,923
Jessica Austin		25%	810	810
Stacey Buckelew		25%	788	788
Total Fringe Benefits			8,265	8,265
c. Travel and Per Diem				
Total Travel and Per Diem			0	0
d. Equipment/software >\$5,000				
		Rate		

Total Equipment>5000			0	
e. Supplies/commodities/equipment <\$5,000		Rate		
Various Suppiles		0	0	0
Total Supplies/commodities<5000			0	0
f. Contracts/Services:		Rate		
Sub-Award	Total Services		0	0
		Rate		
	Total Sub-Awards		0	0
g. MTDC rate				
	21.00% of Personnel and Fringe		8,678	8,678
TOTAL Categories			50,000	50,000
Total Per Funding Source			<u>50,000</u>	<u>50,000</u>

Budget Justification

A: Direct Labor (\$33,058):

Rob Bochenek is budgeted 3 %FTE (\$3600; 62.4 hours) to manage the project and personnel, and to attend project meetings. Brian Stone is budgeted at 8.25 %FTE (\$9652.5; 171.6 hours) to develop Bering Sea page on AOOS website and to prototype novel user interface systems to display Bering Sea indicators and status as report card/dashboard. Elizabeth Dobbins, Environmental Data Scientist, is budgeted at 6 %FTE (\$5724.9; 124.8 hours) to ingest new sustained data streams from source locations for access through data portal on the AOOS data portals. Will Koeppen is budgeted for 8 %FTE (\$7690.72; 166.4 hours) to collaborate with AOOS staff on data access among partners, and to assess the current state of Bering Sea data. Stacey Buckelew, Project Manager, is budgeted at 3 %FTE (\$3150; 62.4 hours) to manage the project team, provide project updates and demonstrations, and to work with the software engineers to define and refine prototype data products. Jessica Austin is budgeted for at is budgeted at 3 %FTE (\$3240; 62.4 hours) to connect new data streams to the AOOS data system for access through the Bering Sea report card and AOOS data portals.

B: Fringe Benefits (\$8,265): Fringe benefits are calculated at 25% to cover 401K, health insurance, and paid leave for staff salaries.

C: Travel: There is no travel cost for this project.

D: Equipment: There is no equipment cost for this project.

E: Materials & Supplies: There is no supply cost for this project.

F: Subawards/Subcontracts: There is no subaward for this project.

G: Indirect Costs (F&A) (\$8,678): Axiom Data Science's federally approved indirect cost rate requested is 21% MTDC (total direct costs, minus equipment, supplies, and subcontracts in excess of \$25,000).

REGIONAL COLLABORATION TEAM PROJECT (\$50,000)

An ASLC fiscal fee of \$4,545 will be charged to this project.

- Personnel** (\$15,722) A Program Manager is budgeted for 22% FTE (467 hours) at a rate of \$70,000 per year to manage this project and serve as the primary staff for this project.
- Fringe Benefits** (\$4,402) The Fringe Benefits rate for the Program Manager is 28% and includes health insurance and 401k contributions.
- Program Staff Travel and Per Diem** (\$2,331) \$2,331 is requested for travel expenses for the Program Manager to travel from Anchorage to Juneau (\$1,118) to participate in meetings. Expenses for this trip include airfare (\$400), lodging for two nights (\$200 X 2 = \$400), and per diem for three days (\$106 x 3 = \$318). The Program Manager will also travel from Anchorage to Seattle (\$1,213) to participate in meetings.

Expenses for this trip include airfare (\$600), lodging for two nights (\$200 X 2 = \$400), and per diem for three days (\$71 x 3 = \$213).

f) **Contracts/Services**

Subawards (\$23,000)

Funds are included for a directed subaward with Axiom Data Science for the **Regional Collaboration Team** Project.

Axiom Data Science was selected for the following subaward:

Regional Collaboration Team: IEA Indicators (Bochenek) (\$23,000) to develop electronic versions of NOAA’s Integrated Ecosystem Assessment Indicators and support expansion of the indicators.

Budget

		Sal/yr	Budget	MTDC
a. Personnel				
Rob Bochenek		120,000.00	2,400	2,400
Brian Stone		117,000.00	5,850	5,850
Will Koeppen		95,934.00	4,797	4,797
Jessica Austin		108,000.00	2,160	2,160
Total Personnel			15,207	15,207
b. Fringe Benefits (@25%)		Rate		
Rob Bochenek		25%	600	600
Brian Stone		25%	1,463	1,463
Will Koeppen		25%	1,199	1,199
Jessica Austin		25%	540	540
Total Fringe Benefits			3,802	3,802
c. Travel and Per Diem				
Total Travel and Per Diem			0	0
d. Equipment/software >\$5,000		Rate		
Total Equipment>5000			0	
e. Supplies/commodities/equipment <\$5,000		Rate		
Various Supplies		0	0	0
Total Supplies/commodities<5000			0	0
f. Contracts/Services:		Rate		
Total Services			0	0
Sub-Award		Rate		
Total Sub-Awards			0	0
g. MTDC rate				
21.00% of Personel and Fringe			3,992	3,992
TOTAL Categories			23,000	23,000
Total Per Funding Source			23,000	

Budget Justification

A: Direct Labor (\$15,206):

Rob Bochenek is budgeted 2 %FTE (\$2400; 41.6 hours) to manage the project and personnel. Brian Stone is budgeted at 5 %FTE (\$5850; 104 hours) prototype novel user interface systems to display ecosystem IEA indicators as report card/dashboard. Will Koeppen is budgeted for 5 %FTE (\$4796.7; 104 hours) to collaborate with AOOS staff on data coordination among partners, to provide project updates and demonstrations, to

provide input on current indicators, and to work with the software engineers to define and refine prototype data products. Jessica Austin is budgeted for at 2 %FTE (\$2160; 41.6 hours) to support the ingestion of any real-time data and to create any new AIS data products.

B: Fringe Benefits (\$3,802): Fringe benefits are calculated at 25% to cover 401K, health insurance, and paid leave for staff salaries.

C: Travel: There is no travel cost for this project.

D: Equipment: There is no equipment cost for this project.

E: Materials & Supplies: There is no supply cost for this project.

F: Subawards/Subcontracts: There is no subaward for this project.

G: Indirect Costs (F&A) (\$3,992): Axiom Data Science's federally approved indirect cost rate requested is 21% MTDC (total direct costs, minus equipment, supplies, and subcontracts in excess of \$25,000).

BUDGET INFORMATION - Non-Construction Programs

OMB Approval No. 0348-0044

SECTION A - BUDGET SUMMARY

Grant Program Function or Activity (a)	Catalog of Federal Domestic Assistance Number (b)	Estimated Unobligated Funds		New or Revised Budget		
		Federal (c)	Non-Federal (d)	Federal (e)	Non-Federal (f)	Total (g)
1. Regional Collab Tear		\$	\$	\$ 166,262.00	\$	\$ 166,262.00
2.						0.00
3.						0.00
4.						0.00
5. Totals		\$ 0.00	\$ 0.00	\$ 166,262.00	\$ 0.00	\$ 166,262.00

SECTION B - BUDGET CATEGORIES

6. Object Class Categories	GRANT PROGRAM, FUNCTION OR ACTIVITY				Total (5)
	(1)	(2)	(3)	(4)	
a. Personnel	\$ 54,600.00	\$	\$	\$	\$ 54,600.00
b. Fringe Benefits	15,288.00				15,288.00
c. Travel	13,419.00				13,419.00
d. Equipment					0.00
e. Supplies					0.00
f. Contractual	82,955.00				82,955.00
g. Construction					0.00
h. Other	0.00				0.00
i. Total Direct Charges (sum of 6a-6h)	166,262.00	0.00	0.00	0.00	166,262.00
j. Indirect Charges					0.00
k. TOTALS (sum of 6i and 6j)	\$ 166,262.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 166,262.00

7. Program Income	\$	\$	\$	\$	\$ 0.00
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SECTION C - NON-FEDERAL RESOURCES

(a) Grant Program	(b) Applicant	(c) State	(d) Other Sources	(e) TOTALS
8.	\$	\$	\$	\$ 0.00
9.				0.00
10.				0.00
11.				0.00
12. TOTAL (sum of lines 8-11)	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00

SECTION D - FORECASTED CASH NEEDS

	Total for 1st Year	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
13. Federal	\$ 166,262.00	\$ 41,565.00	\$ 41,565.00	\$ 41,565.00	\$ 41,567.00
14. Non-Federal	0.00				
15. TOTAL (sum of lines 13 and 14)	\$ 166,262.00	\$ 41,565.00	\$ 41,565.00	\$ 41,565.00	\$ 41,567.00

SECTION E - BUDGET ESTIMATES OF FEDERAL FUNDS NEEDED FOR BALANCE OF THE PROJECT

(a) Grant Program	FUTURE FUNDING PERIODS (Years)			
	(b) First	(c) Second	(d) Third	(e) Fourth
16.	\$	\$	\$	\$
17.				
18.				
19.				
20. TOTAL (sum of lines 16-19)	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00

SECTION F - OTHER BUDGET INFORMATION

21. Direct Charges: 166,262	22. Indirect Charges:
23. Remarks: AOOS does not claim indirect expenses.	

BUDGET INFORMATION - Non-Construction Programs

OMB Approval No. 0348-0044

SECTION A - BUDGET SUMMARY

Grant Program Function or Activity (a)	Catalog of Federal Domestic Assistance Number (b)	Estimated Unobligated Funds		New or Revised Budget		
		Federal (c)	Non-Federal (d)	Federal (e)	Non-Federal (f)	Total (g)
1. Regional Collab Tear		\$	\$	\$ 50,000.00	\$	\$ 50,000.00
2.						0.00
3.						0.00
4.						0.00
5. Totals		\$ 0.00	\$ 0.00	\$ 50,000.00	\$ 0.00	\$ 50,000.00

SECTION B - BUDGET CATEGORIES

6. Object Class Categories	GRANT PROGRAM, FUNCTION OR ACTIVITY				Total (5)
	(1)	(2)	(3)	(4)	
a. Personnel	\$ 15,722.00	\$	\$	\$	\$ 15,722.00
b. Fringe Benefits	4,402.00				4,402.00
c. Travel	2,331.00				2,331.00
d. Equipment					0.00
e. Supplies					0.00
f. Contractual	27,545.00				27,545.00
g. Construction					0.00
h. Other	0.00				0.00
i. Total Direct Charges (sum of 6a-6h)	50,000.00	0.00	0.00	0.00	50,000.00
j. Indirect Charges					0.00
k. TOTALS (sum of 6i and 6j)	\$ 50,000.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 50,000.00

7. Program Income	\$	\$	\$	\$	\$ 0.00
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SECTION C - NON-FEDERAL RESOURCES					
(a) Grant Program	(b) Applicant	(c) State	(d) Other Sources	(e) TOTALS	
8.	\$	\$	\$	\$ 0.00	
9.				0.00	
10.				0.00	
11.				0.00	
12. TOTAL (sum of lines 8-11)	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	
SECTION D - FORECASTED CASH NEEDS					
13. Federal	Total for 1st Year	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
	\$ 50,000.00	\$ 12,500.00	\$ 12,500.00	\$ 12,500.00	\$ 12,500.00
14. Non-Federal	0.00				
15. TOTAL (sum of lines 13 and 14)	\$ 50,000.00	\$ 12,500.00	\$ 12,500.00	\$ 12,500.00	\$ 12,500.00
SECTION E - BUDGET ESTIMATES OF FEDERAL FUNDS NEEDED FOR BALANCE OF THE PROJECT					
(a) Grant Program	FUTURE FUNDING PERIODS (Years)				
	(b) First	(c) Second	(d) Third	(e) Fourth	
16.	\$	\$	\$	\$	
17.					
18.					
19.					
20. TOTAL (sum of lines 16-19)	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	
SECTION F - OTHER BUDGET INFORMATION					
21. Direct Charges: 50,000			22. Indirect Charges:		
23. Remarks: AOOS does not claim indirect expenses.					