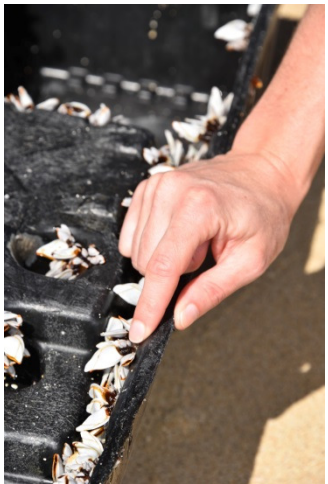
North Pacific Marine Science Organization (PICES)

PICES-MoE PROJECT ON
"EFFECTS OF MARINE DEBRIS CAUSED BY THE GREAT TSUNAMI OF 2011"

FINANCIAL REPORT FOR YEAR 2 (April 1, 2015 – March 31, 2016)



NORTH PACIFIC MARINE SCIENCE ORGANIZATION (PICES)
PROJECT ON *"EFFECTS OF MARINE DEBRIS CAUSED BY THE GREAT TSUNAMI OF 2011"*

FINANCIAL REPORT FOR YEAR 2 (APRIL 1, 2015 – MARCH 31, 2016)

BACKGROUND

The overall goal of the PICES project on "*Effects of marine debris caused by the Great Tsunami of 2011*", funded by the Ministry of the Environment of Japan (MoE), is to assess and forecast the effects of debris generated by the tsunami that followed the 2011 Great East Japan Earthquake, especially those related to non-indigenous (alien/non-native) species (NIS), on ecosystem structure and function, the coastlines and communities of the west coast of North America and in Hawaii, and to suggest research and management actions to mitigate any impacts. The duration of the project is 3 years, from April 15, 2014 to March 31, 2017.

In accordance with the organizational principles agreed to by MoE and PICES, the project is directed by a Project Science Team (PST) co-chaired by three PICES members, one each from Canada (Dr. Thomas Therriault, Department of Fisheries and Oceans; Thomas.Therriault@dfo-mpo.gc.ca), Japan (Dr. Hideaki Maki, National Institute for Environmental Studies; hidemaki@nies.go.jp) and the USA (Ms. Nancy Wallace, NOAA Office of Response and Restoration; nancy.wallace@noaa.gov). The Co-Chairmen can select PST members from within or outside of PICES expert groups, as deemed appropriate, and are responsible for the scientific implementation of the project and annual reporting to MoE and PICES Science Board. These reports should be submitted to MoE within 90 days after the close of each project year ending March 31, and include a summary of the activities carried out in the year, with an evaluation on the progress made, and a work plan for the following year.

FINANCIAL PRINCIPLES AND BUDGET CATEGORIES

The following financial principles, agreed to by MoE and PICES, apply to the project:

- A separate bank account shall be established to deposit the remitted funds.
- The Project Coordinator (PICES Executive Secretary or a person designated by the Executive Secretary) is responsible for the management of the fund and for reporting annually on its disposition to MoE and PICES Governing Council, within 90 days after the close of each project year ending March 31. Dr. Alexander Bychkov (bychkov@pices.int) was appointed as the Project Coordinator.
- The Project Coordinator may enter into a contract with a responsible organization based on the advice of the PST to implement the project smoothly and effectively. The details of this contract shall be decided by agreement between the Project Coordinator and the responsible organization. In case of transferring part of funds to others, the responsible organization shall establish a separate account to deposit the remitted funds for the execution of the contract. This separate account shall be managed strictly by the responsible organization, and the transaction details shall be periodically reported to the Project Coordinator.
- Transfers of up to 10% of allocations between the budget categories are allowed based solely on the decision by the Project Coordinator. In special cases, transfers up to 20% between the budget categories can be authorized by MoE. All transfers shall be reported at the end of the fiscal year.
- A 13% overhead on the annual budget shall be retained by PICES to offset expenses related to the Secretariat's involvement in the project.
- The interest earned by the fund shall be credited to the project and used in consultation with MoE.
- Any funds remaining after the completion of every fiscal year of the project shall be reported and disposed of in consultation with MoE.

The main elements of the budget are organized into the following categories (see also a note for the Year 3 budget on page 4):

- <u>Travel and meetings</u>
  This category covers travel costs associated with project activities such as field studies, organizational trips, project meetings, workshops, scientific sessions and public events.
- <u>Contracts and grants</u>
  This category covers grants/fees to be paid to consultants and experts employed to implement the project. Tasks and deliverables for contractors are to be determined by the PST Co-Chairmen. To support the

objectives of the project and to ensure that its activities have minimal impact on the workload of the existing staff of the PICES Secretariat, the Project Coordinator can employ additional staff as required.

- Equipment
  This category covers purchases and shipment of equipment for laboratory/field data/sampling processing/analysis, computer hardware/software for the development of database(s) and the project website.
- Miscellaneous
  This category covers expenses associated with the project (mail and phone charges, bank charges, *etc*.) and includes contingencies such as fluctuations in currency exchange rates.

PROJECT BANK ACCOUNT AND PAYMENT HISTORY

The special account for the project was established at the bank used by PICES:

Bank name:	TD Canada Trust
Bank number:	004
Branch number:	00721
Branch address:	2406 Beacon Avenue, Sidney, B.C., Canada. V8L 1X4
SWIFT code:	TDOMCATTTOR
Account number:	721 5220355
Account holder:	North Pacific Marine Science Organization (PICES)
Account holder address:	9860 West Saanich Road, Sidney, B.C., Canada. V8L 4B2

- The set of documents requesting funding for Year 1 (April 15, 2014 – March 31, 2015) was sent to the Consulate General of Japan in Vancouver (Canada) on June 3, 2014, and funds in the amount of $1,099,691 were transferred to the PICES/MoE bank account on July 14, 2014 (all numbers in the report are in Canadian dollars).
- The set of documents requesting funding for Year 2 (April 1, 2015 – March 31, 2016) was sent to the Consulate General of Japan in Vancouver (Canada) on May 5, 2014, and funds in the amount of $1,290,929 were transferred to the PICES/MoE bank account on May 29, 2015.

BUDGET EXECUTION FOR FISCAL YEAR 2

The MOE contribution for Year 2 of the project was $1,290,929. Moving the Year 1 account balance ($130,346) to Year 2 brought the total available funding for this year to $1,421,275. The proposed Year 2 budget breakdown (Year 1 bank interest was split between the two categories: $1,437 was credited to "Travel and meetings" and $2,230 was credited to "Contracts and grants") and actual expenses for each budget category are shown in Table 1. Table 2 provides more details on expenses for specific activities.

The project account balance as of March 31, 2016, is $2,591. Similar to Year 1, permission was requested, and subsequently granted, to move this amount to Year 3.

Table 1 Allocations and expenses for Year 2

Category	Year 2 Allocations	Year 1 Transfer	Total Year 2 Allocations	Year 2 Expenses	Remainder
Travel and meetings	167,000	12,096	180,533	98,180	82,353
Contracts and grants	950,000	107,770	1,060,000	1,150,668	(90,668)
Equipment and supplies	5,000	5,895	10,895	2,501	8,394
Miscellaneous	1,108	918	2,026	2,353	(327)
Overhead	167,821	0	167,821	167,821	0
Interest earned in Year 1		3,667			
Total	**1,290,929**	**130,346**	**1,421,275**	**1,421,789**	**(248)**
Interest earned in Year 2					2,839
Grand Total					**2,591**

Table 2 Expenses for various budget categories for Year 2

Category/Activity	Expenses
Travel and meetings	**98,180**
3rd Project Co-Chairs meeting (May 11–12, 2015, Silver Spring, USA)	6,643
4th Project Co-Chairs meeting at PICES-2015 (October 16, 2015, Qingdao, China)	9,086
5th Project Co-Chairs meeting and 3rd PST meeting (February 22–26, 2016, Tokyo, Japan)	28,303
First Risk Assessment Workshop (November 16–18, Maryland, USA)	19,897
Second Risk Assessment Workshop (January 17, Sydney, Australia)	3,135
9th Int. Conference on Marine Bioinvasions (January 19–21, 2016, Sydney, Australia)	10,354
ADRIFT NIS and algae survey in British Columbia	6,641
ADRIFT algae survey in Oregon	1,768
Project Coordinator and Project Visiting Scientist travel	11,564
Other travel	789
Contracts and grants	**1,150,668**
Modeling studies in support of research on impact of alien species transported by marine debris from the 2011 Great Tohoku Tsunami in Japan (Year 2) (Maximenko/UH, USA)	84,000
Japanese Tsunami Marine Debris (JTMD) and alien species invasions: PICES Year 2: Continued interception of non-native species on JTMD and detection in North America to understand invasion risk (Carlton/Williams Colleague, USA)	449,000
Hawaiian islands marine debris aerial imagery surveys (Neilson/Hawaii Department of Land and Natural Resources, USA) Hawaiian islands marine debris aerial imagery surveys (Resource Mapping Hawaii, USA) Mapping patterns of marine debris in the main Hawaiian islands using aerial imagery and spatial analysis – Part 1(Hamnett/SSRI-UH, USA)	98,790 78,290 20,500
BC aerial survey and ground-truth image analysis (LightspeedDigital, Canada)	9,682
Life history database Development of life history database for Japanese Tsunami Marine Debris (JMTD) biota (Miller/OSU, USA) Review, compilation and interpretation of global literature on geographic range, invasion history, life history and ecology of the species recorded from JTMD (Nelson, Canada) Review, compilation and interpretation of global literature on geographic range, invasion history, life history and ecology of the species recorded from JTMD (Wong, Canada) Review, compilation and interpretation of global literature on geographic range, invasion history, life history and ecology of the species recorded from JTMD (Gillman, USA) Review, compilation and interpretation of Japanese literature on geographic range, invasion history, life history and ecology of the species recorded from JTMD (Otani, Japan) Development of life history database format for algae (Lindstrom)	144,336 22,000 39,000 19,750 14,253 49,153 180
Marine Algae arriving on JTMD (Japanese Tsunami Marine Debris) and their invasion threat to the coasts of Oregon and Washington, USA – Year 2 (Hansen/OSU, USA)	61,000
Japanese collaborative projects: Webcam monitoring of marine debris at the Northwestern Pacific coast (Isobe/Kyushu University, Japan) – 55,000 Climatological debris dispersion simulations and forcing fields error estimation (Kamachi/MRI, Japan; Ishikawa/JAMSTEC, Japan) – 15,000 Marine algae arriving on Japanese Tsunami Marine Debris and their invasion threat to the Northwestern Pacific coast (Kawai/Kobe University, Japan) – 18,000 2015 Tohoku coastal line survey – 60,000 2016 Tohoku coastal line survey – 60,000 Project coordination (JANUS, Japan) – 31,080	239,080

Project Visiting Scientist (Murray/PICES)	64,349
Assistance to Project Coordinator (Strandby Technical Services)	431
Equipment and supplies	**2,501**
Miscellaneous	**2,353**
Overhead	**167,821**

ACCOUNT AUDIT

For the period from April 15 to December 31, 2015, the status of the MoE account was assessed during the regular external PICES audit for FY 2015 (January 1 – December 31, 2015). In the auditor's opinion, "*the financial statements present fairly, in all material respects, the financial position of the North Pacific Marine Science Organization as at December 31, 2015, and the results of its operations and changes in fund balances for the year then ended.*" The financial statements for the rest of Year 2 of the MoE project (January 1 – March 31, 2016) will be evaluated during the regular PICES audit for FY 2016 (January 1 – December 31, 2016).

BUDGET AND PROPOSED ALLOCATIONS FOR YEAR 3

The MoE contribution for Year 3 of the project is $1,290,927. Moving the Year 2 account balance ($2,591) to Year 3 will bring the total available funding for this year to $1,293,518. The proposed Year 3 budget breakdown is shown in Table 3 (Year 2 account balance is credited to the "Contracts and grants" category).

Two important notes to the budget:

- As we intend to host scientific/public events in late spring/early summer 2017, in order to share project results with both the scientific community and the people of Japan, a part of the "travel and meetings" category will be spent after March 31, 2017, but prior to submission of the final project report due to June 30, 2017.
- Since in the final year of the project significant efforts will be made to publish project outcomes, one more category – "publications" was added to the budget. Some allocations under this category (purchasing an open access for special issues of a peer-reviewed journal(s)) will be spent after March 31, 2017, but prior to submission of the final project report on June 30, 2017

Table 1 Allocations for Year 3

Category	Year 3 Allocation	Year 2 Transfer	Total Allocation
Travel and meetings	110,000		110,000
Contracts/grants	949,000	2,591	951,591
Publications	60,000		60,000
Equipment/materials	2,000		2,000
Miscellaneous	2,106		2,106
Overhead	167,821		167,821
Total	**1,290,927**	**2,591**	**1,293,518**

APPENDICES

REPORTS ON EXPENDITURES FOR YEAR 2

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Appendix 1

UNIVERSITY OF HAWAI'I

Office of Research Services
2440 Campus Road, Box 368
Honolulu, Hawai'i 96822

FINAL REPORT OF EXPENDITURES
April 1, 2015 to March 31, 2016

SPONSOR:
NORTH PACIFIC MARINE SCIENCE ORGANIZATION
ATTN: DR. ALEXANDER BYCHKOV
P.O. BOX 6000
SIDNEY, B.C.,
CANADA, V8L 4B2

DATE: 4/8/2016
UH PROPOSAL NUMBER: 33897

AWARD NUMBER: N/A
PROJECT ENTITLED: Modeling Studies in Support of Research on Impact of Alien Species Transported by Marine Debris from the 2011 Great Tohoku Tsunami in Japan (Year 2)
PRINCIPAL INVESTIGATOR: Maximenko, Nikolai

Grant Amount:		$63,976.22
Amount Received:		$63,976.22
Less Expenditures:		
	Cumulative Amount Claimed	
Direct Labor	42,714.68	
Fringe Benefits	10,066.24	
Services-Fee Basis	0.00	
Materials & Supplies	208.50	
Travel-Domestic	3,281.03	
Travel-International	0.00	
Print & Publications	47.40	
Utilities & Communication	0.00	
Rentals	0.00	
Repairs	0.00	
Tuition	0.00	
Stipends & Allowances	0.00	
Equipment	0.00	
Others	283.39	
Total Direct Costs	56,601.24	
Indirect Costs	7,345.16	
TOTAL COSTS		$63,946.40
BALANCE TO BE RETAINED BY THE UNIVERSITY OF HAWAII		$29.82

INFORMATION ONLY FOR FIXED PRICE AGREEMENT

Approved by:

ROBERT A. ROBERTS
Manager, Office of Research Services

UH ACCT: MA / 4501873

Direct Inquiries To: Christine Ramelb, 808-956-4807, cjramelb@hawaii.edu

Final Financial Report

North Pacific Marine Science Organization (PICES)

Japanese Tsunami Marine Debris and Alien Species Invasions: PICES Year 2
04/01/2015-05/31/2016

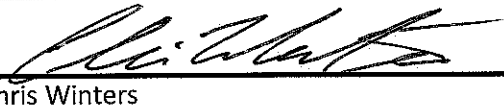
	Williams College	Moss Landing Marine Laboratories	Oregon State University	Smithsonian Environmental Research Center	Total
Disbursement of Funds	$72,151	$71,028	$45,423	$162,866	$351,468
Expenses for Reporting Period					
Salaries	$50,907	$41,729	$15,710	$64,931	$173,276
Fringe Benefits	$4,409	$3,797	$1,852	$15,455	$25,512
Supplies	$3,654	$13,352	$3,893	$5,711	$26,610
Equipment	$300	$0	$0	$0	$300
Travel	$3,428	$3,979	$5,658	$30,356	$43,422
Other	$1,227	$0	$10,923	$27,489	$39,639
Indirect Costs	$7,840	$8,171	$4,945	$18,712	$39,668
Total Expenses	$71,764	$71,028	$42,980	$162,654	$348,427
Balance of Year 2 Funds	$387	$0	$2,443	$211	$3,041
Carryover Balance from Year 1	$22	$0	$1,792	$9	$1,823
Balance at Close of Reporting Period	$409	$0	$4,235	$220	$4,864

Final Financial Report

Williams College

Japanese Tsunami Marine Debris and Alien Species Invasions: PICES Year 2

Project Period: 04/01/2015-05/31/2016
Report Period: 04/01/2015-05/31/2016 (reflects expenditures 06/11/15-05/31/2016)

	Period 04/01/2015-03/31/2016	Period 04/01/2016-05/31/2016	Total Grant Expenses
Total Funds Available	$72,151	$6,495	
Salary	($46,587)	($4,320)	($50,907)
Fringe Benefits	($4,193)	($216)	($4,409)
Equipment	($300)	$0	($300)
Travel	($3,428)	$0	($3,428)
Materials & Supplies	($2,451)	($1,203)	($3,654)
Other	($1,204)	($23)	($1,227)
Indirect Costs (13% total expenses)	($7,493)	($347)	($7,840)
Total Expenses	($65,656)	($6,108)	($71,764)
Balance	$6,495	$387	$387
Carryover Balance from Year 1			$22
Final Balance			$409
Signature:			
Name:	Chris Winters		
Title:	Associate Provost		
Date:	6/7/2016		

San José State
UNIVERSITY
RESEARCH
FOUNDATION

FINANCIAL REPORT
(FINAL)

DATE: 06/08/2016

Source of Funds: Williams College
Grant # : JTMD-PICES

Project Title: Japanese Tsunami Marine Debris (JTMD) and Alien Species Invasions: PICES- Year 2
Project Period: 04/1/2015- 05/31/2016
Report Period 04/1/15 - 05/31/2016
Foundation Account No. 23-1509-5480

Descriptions	Total Revenue	Total Expenses	Balance
Total Funds received	$ 71,028.00	$ -	$ 71,028.00
Salary	$ -	$ 41,728.92	$ (41,728.92)
Fringe Benefits	$ -	$ 3,797.27	$ (3,797.27)
Equipment	$ -	$ -	$ -
Travel	$ -	$ 3,979.06	$ (3,979.06)
Materials & Supplies	$ -	$ 13,351.75	$ (13,351.75)
Facil & Admin (F & A)	$ -	$ 8,171.00	$ (8,171.00)
TOTAL:	**$ 71,028.00**	**$ 71,028.00**	**0.00**

Jeannie Nguyen
Prepared & signed By:
Analyst Name: Jeannie Nguyen
Title: Sponsored Program Analyst
Phone: (408) 924-1306

OREGON STATE UNIVERSITY
FINAL FINANCIAL REPORT

TITLE: WC JTMD & Alien Species Invasions

Sponsor's Agreement Number:	Principal Investigator:
2015-08-Biol/Mystic	John Chapman
Agreement Period:	**Period Covered By Report:**
04/01/2015-05/31/2016	04/01/2015-05/31/16

DIRECT PROJECT COSTS	BUDGETED	CUMULATIVE EXPENDITURES
Salaries	$ 22,017.00	$ 15,709.53
Benefits	$ 5,913.00	$ 1,851.79
Supplies	$ 5,124.00	$ 3,893.32
Postage and Shipping	$ 1,000.00	$ 467.37
Other Fees and Services	$ 600.00	$ 10,455.33
Travel	$ 5,543.00	$ 5,658.22
F&A @ 13% TDC	$ 5,226.00	$ 4,944.60
TOTAL EXPENSES	$ 45,423.00	$ 42,980.16
Year 1 Roll-Over(U09800)		$ 1,792.23
TOTAL SPONSOR FUNDING RECEIVED*		$ 45,423.00
CASH ON HAND BALANCE		$ 4,235.07

Sandra J. Cobb
Senior Fiscal Officer

Office for Sponsored Research & Award Administration

6/20/2016
Date

P.O. Box 1086 Corvallis, OR 97339-1086 Phone: (541) 737-4711 Fax: (541) 737-2069

Prepared by: A. Church

June 16, 2016

Smithsonian Institution

Williams College
880 Main Street
Williamstown, MD 01267

RE:	JAPANESE TSUNAMI MARINE DEBRIS (JTMD) AND ALIEN SPECIES INVASIONS: PICES YEAR 2
PI:	RUIZ,GREGORY
Award Reference #:	Letter dated 07/01/2015
Award Amount: Award	$162,865.89
Period:	01-APR-2015 to 31-MAY-2016
SI Reference #:	792053
Contact Person:	Annemarie Roussy 202/633-7114

FINAL FINANCIAL REPORT

EXPENDITURE ITEMS	FINANCIAL PERIOD 01-APR-2015 to 31-MAY-2016	CUMULATIVE EXPENDITURES
Salaries	64,930.99	64,930.99
Benefits	15,454.60	15,454.60
Domestic Travel	19,340.50	19,340.50
Foreign Travel	11,015.90	11,015.90
Rent,Communications&Utilities	1,495.68	1,495.68
Contractual	13,993.25	13,993.25
Stipends	12,000.00	12,000.00
Supplies and Materials	5,711.06	5,711.06
Indirect Costs	18,712.46	18,712.46
TOTAL EXPENDITURES	162,654.44	162,654.44

Payments Received to date:	162,865.89
Year One Carryover:	9.01
Expenditures to date:	-162,654.44
Fund Balance:	220.46

6/17/16

Tracey Fraser, Director

CC: RUIZ,GREGORY, Principal Investigator

Appendix 3

UNIVERSITY OF HAWAI'I

Office of Research Services
2440 Campus Road, Box 368
Honolulu, Hawai'I 96822

FINAL REPORT OF EXPENDITURES
January 1, 2016 to April 30, 2016

SPONSOR:
NORTH PACIFIC MARINE SCIENCE ORGANIZATION
ATTN: DR. ALEXANDER BYCHKOV
P.O. BOX 6000
SIDNEY, B.C.,
CANADA, V8L 4B2

DATE: 6/15/2016
UH PROPOSAL NUMBER: 34452

AWARD NUMBER: N/A
PROJECT ENTITLED: MAPPING PATTERNS OF MARINE DEBRIS ON WINDWARD OAHU USING AERIAL IMAGERY & SPATIAL ANALYSIS
PRINCIPAL INVESTIGATOR: Hamnett, Michael

Grant Amount:		$14,452.17
Amount Received:		$14,452.17
Less Expenditures:		
	Cumulative Amount Claimed	
Direct Labor	10,824.02	
Fringe Benefits	1,478.25	
Services-Fee Basis	0.00	
Materials & Supplies	0.00	
Travel-Domestic	0.00	
Travel-International	0.00	
Print & Publications	0.00	
Utilities & Communication	0.00	
Rentals	0.00	
Repairs	0.00	
Tuition	0.00	
Stipends & Allowances	0.00	
Equipment	0.00	
Others	0.00	
Total Direct Costs	12,302.27	
Indirect Costs	1,599.31	
TOTAL COSTS		$13,901.58
BALANCE TO BE RETAINED BY THE UNIVERSITY OF HAWAII		$550.59

INFORMATION ONLY FOR FIXED PRICE AGREEMENT

Approved by:

ROBERT A. ROBERTS
Manager, Office of Research Services

UH ACCT: MA / 4502125

Direct Inquiries To: Christine Ramelb, 808-956-4807, cjramelb@hawaii.edu

CR

Appendix 4

OREGON STATE UNIVERSITY
FINAL EXPENDITURE REPORT

TITLE: Development of life history database for Japanese Tsunami Marine Debris (JTMD) biota

Sponsor's Agreement Number:	**Principal Investigator:**
2016-OSU-PICES-Miller	Miller, Jessica
Agreement Period:	**Period Covered By Report:**
April 1, 2015 to March 31, 2016	April 1, 2015 to March 31, 2016

PERSONNEL	**BUDGETED**	**PERIOD EXPENDITURES**	**CUMULATIVE EXPENDITURES**
Salaries & Wages	$ 8,984.00	$ 8,905.68	$ 8,905.68
Benefits	$ 4,133.00	$ 4,032.65	$ 4,032.65
DIRECT PROJECT COSTS			
Foreign Travel	$ 1,371.00	$ -	$ -
INDIRECT PROJECT COSTS			
Finance and Administration/Indirect Costs (15%	$ 1,882.02	$ 1,681.97	$ 1,681.97
TOTAL EXPENSES			$ 14,620.30
TOTAL SPONSOR FUNDING RECEIVED			$ 16,370.02
INTEREST EARNED (added to supplies budget)			$ -
CASH ON HAND BALANCE			$ 1,749.72

Patricia A. Hawk
Assistant Vice President for
Sponsored Research and Award
Administration

Office of Sponsored Research and Award Admininstration — Date 5/11/16

Prepared by Adam Church SC

Grant Inception to Date FRIGITD 8.9 [OSU] (PROD) 11-MAY-2016 01:50 PM

Chart of Accounts:	C	Grant:	J20160	NPMSO Life Database for JTMD Biol		Grant Year:	
Index:		Fund:		Organization:		☐ Include Revenue Accounts	
Program:		Activity:		Location:		☐ Exclude Indirect Costs	
Account Type:		Account:		Account Summary:	All Levels	☐ Hierarchy	
Date From (MM/YY):	07 / 15	Date To (MM/YY):	03 / 16			☐ Fund Summary	
IC Basis:		IC Rate:		Cost Share:		☐ By Sponsor Account	

Account Type			Adjusted Budget	Activity	Commitments	Available Balance
10101	L	Staff-Unclassified Salaries	8,984.00	0.00	0.00	8,984.00
10102	L	Staff-Unclassified Salaries Faculty	0.00	8,905.68	0.00	-8,905.68
10901	L	Other Payroll Expenses	4,133.00	0.00	0.00	4,133.00
10964	L	OPE Uncl Health/Life	0.00	1,397.64	0.00	-1,397.64
10967	L	OPE Uncl Retirement	0.00	1,766.52	0.00	-1,766.52
10968	L	OPE Uncl Other	0.00	730.65	0.00	-730.65
22502	E	Postage	0.00	10.72	0.00	-10.72
22505	E	Express Mail	0.00	46.07	0.00	-46.07
24602	E	Duplicating & Copying Expense	0.00	81.05	0.00	-81.05
39600	E	Foreign Travel	1,371.00	0.00	0.00	1,371.00
70005	E	F & A Cost (formerly Indirect)	1,882.02	1,681.97	0.00	200.05
		Net Total:	16,370.02	14,620.30	0.00	1,749.72

Appendix 5

OREGON STATE UNIVERSITY
ANNUAL EXPENDITURE REPORT

TITLE: Marine algae arriving on JTMD and their invasion threat to the coasts of OR & WA, USA - Year 2

Sponsor's Agreement Number:	**Principal Investigator:**
2016-PICES-HANSEN	Gayle Hansen
Agreement Period:	**Period Covered By Report:**
April 1, 2015 to March 31, 2017	April 1, 2015 to March 31, 2016

PERSONNEL	**BUDGETED**	**PERIOD EXPENDITURES**	**CUMULATIVE EXPENDITURES**
Salaries & Wages	$ 33,762.00	$ 31,846.08	$ 31,846.08
Benefits	$ 2,887.00	$ 2,619.40	$ 2,619.40
DIRECT PROJECT COSTS			
Services and Supplies	$ 2,922.00	$ 1,900.61	$ 1,900.61
Travel	$ 2,988.97	$ 4,081.56	$ 4,081.56
INDIRECT PROJECT COSTS			
Finance and Administration/Indirect Costs (15%	$ 5,532.80	$ 5,258.21	$ 5,258.21
TOTAL EXPENSES			$ 45,705.86
TOTAL SPONSOR FUNDING RECEIVED			$ 48,092.77
INTEREST EARNED (added to supplies budget)			$ -
CASH ON HAND BALANCE			$ 2,386.91

Patricia A. Hawk
Assistant Vice President for
Sponsored Research and Award
Administration

Office for Sponsored Research and Award Admininstration — Date 5/16/16

Prepared by: Adam Church SC

Appendix 6

JANUS

JAPAN NUS Co., Ltd.
Nishi-Shinjuku Kimuraya Building 5F,
7-5-25 Nishi-Shinjuku, Shinjuku-Ku, Tokyo 160-0023
JAPAN

Final Expenditure Report for Year 2

(July 15, 2015 - March 31, 2016)

	Webcam[1] (PI: A. Isobe, Kyushu U.)	Simulation[2] (PI: M. Kamachi, MRI)	Invasive spp.[3] (PI: H. Kawaii, Kobe U.	Total
ALOLOCATIONS (CAD)	55,000	15,000	18,000	88,000
EXPENSES(JPY)				
Travel/meetings	2,065,604	304,895	837,462	3,207,961
Contracts	0	0	0	0
Equipment	2,018,290	344,520	572,319	2,935,129
Miscellaneous	499,658	622,134	279,955	1,401,747
Overhead	684,897	165,301	34,484	884,682
Total (JPY) @95.79	5,268,449	1,436,850	1,724,220	8,429,519
Total (CAD)	55,000	15,000	18,000	88,000
Project coordination (JANUS) (CAD)				**13,150**
				101,150

1 Project "Webcam monitoring of marine debris at the Northwestern Pacific coast"

2 Project "Debris dispersion simulations and error fields estimation by climatological simulation"

3 Project "Marine algae arriving on JTMD (Japanese Tsunami Marine Debris) and their invasion threat to the Northwestern Pacific coast

	Tohoku survey by JANUS
ALOLOCATIONS (CAD)	68,965
EXPENSES (JPY)	6,553,054
Travel/meetings	1,797,846
Contracts	1,717,200
Equipment	226,232
Miscellaneous	1,970,895
Overhead	851,854
Total (JPY)@95.02	6,564,027
Total (CAD)	**69,080**
Balance	**-115**

米澤太一

Prepared & signed by Taichi YONEZAWA, +81-3-5925-6885 DATE April, 25 2016