

Annual Report

2015 - 2016



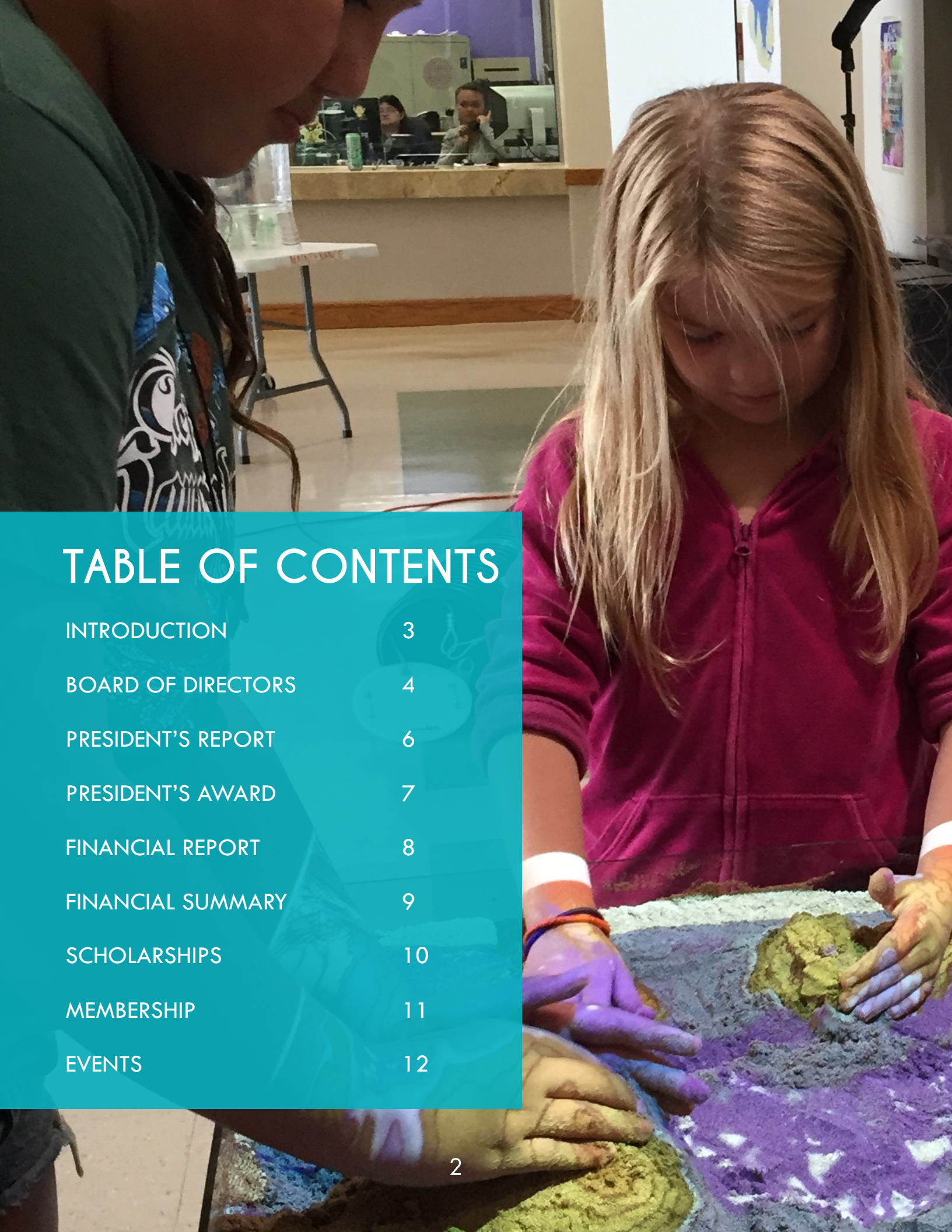


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INTRODUCTION

The **Hawaii Geographic Information Coordinating Council (HIGICC)** is a private non-profit 501(c)(3) organization consisting of members of Hawaii's geospatial community. Our goal is to provide coordination of geospatial activities among a wide range of users in order to avoid duplication of effort, promote data sharing, and maintain data standards throughout the state. HIGICC is a member of the National States Geographic Information Council (NSGIC), "an organization committed to efficient and effective government through the prudent adoption of geospatial information technologies."

HIGICC strives to bring together and continue to build the geographic community into a cohesive, recognized coordinating body that facilitates the use, development, sharing, and management of geographic data and communicates the value of geographic information to citizens and decision-makers. In the State of Hawaii, GIS is recognized and effectively used as an invaluable tool by the government, business and the citizens for understanding and managing our aina (environment). The Hawaii GICC is a shared mechanism for the diverse community to identify, explore, and solve problems with geospatial information.

BOARD OF DIRECTORS

2016-2017

Craig Clouet (2017)
Maile Beach-Smith (2017)
Christine Chaplin (2017)
Asia Addlesberger (2017)
Isla Young (2017)

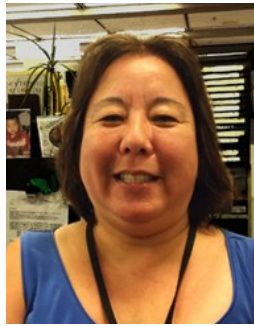
Gretchen Chiques (2018)
Sam Aruch (2018)
Arthur Buto (2018)
Bertha Yagi (2018)
Sarah McLane Bryan (2018)

2018 NEW BOARD MEMBERS



**Arthur
Buto**

Arthur is currently the program manager for the Statewide GIS Program in the Office of Planning, where a number of modernization initiatives are coming to fruition, thanks to the efforts of an awesome staff and a strategic partnership with the State CIO's office.



**Bertha
Yagi**

Bertha has worked with the GIS for over 10 Years with the City and County of Honolulu and now serve in the GIS section of the department of Planning and Permitting.



**Sarah
McLane Bryan**

Sarah created Makali'i Group in 2008 to focus on providing GIS tools and training to NGOs and conservation groups across the state, as well as for-profit companies in tourism, green energy and sustainability. Since 2014, Sarah has managed the UH Community College's GIS Certificate program and developed a hands-on curriculum for a Certificate of Competence in GIS in Ecosystems Management.



**Stephanie
Saephonie**

Stephanie works with Group 70 International providing in-house GIS support for ~110 clients. She has over 18 years' experience in GIS which includes managing UH Manoa's joint Botany Department and the Pacific Cooperatives Studies Unit (PCSU) GIS research lab as well as being the GIS coordinator/data manager for the Mānoa MAGIS Geospatial Center at UH Hamilton Library.



2015-2016

Asia Addlesberger (2017)
Isla Young (2017)
Gretchen Chiques (2016)
Jean Fujikawa (2016)
Joan Delos Santos (2016)
Sam Aruch (2016)

Craig Clouet, President (2017)
Robert O'Conner, Vice president (2016)
Maile Beach-Smith, Treasurer (2017)
Christine Chaplin, Secretary (2017)
Alexa Jacroux Biggs (2016)

A portrait of Craig Clouet, the HIGICC President for 2015-2016. He is a middle-aged man with a beard and mustache, wearing a dark green shirt. The background is a blurred indoor setting with large windows.

PRESIDENT'S REPORT

The 2015-2016 year was engaging and successful. Hosting a large conference in conjunction with the Hawaii Congress of Planning Officials was a major highlight. Hundreds of people got together and shared their work and enthusiasm for GIS & Planning. Due to good community support and high attendance, the HIGCC was able to raise funds for future operations. We continue our work on outreach and geospatial awareness activities.

There were several GIS day events across the State. The HIGICC is glad to be able to partner with Maui's Women in technology team. Together hundreds of K12 students got an opportunity to learn about science and geospatial technologies.

Hopefully you have noticed the HIGICC website got a major overhaul. It is now more modern and easy to use. We hope to start adding in more features soon. As always we would like to get feedback on how we are doing, or if you have ideas on activities you would like to see and be part of, let us know. One does not have to be on the board of directors to sponsor an event or to participate in activities.

Mahalo,

A handwritten signature in blue ink, appearing to read 'Craig Clouet'.

Craig Clouet, HIGICC President
2015-2016

PRESIDENT'S AWARD

This year I am glad to announce that the HIGICC President's Award is being given to two very special members of Hawaii's geospatial community. While I am glad to award these two for their many great achievements, it is also a sad day for us all as they have both retired at the end of the Spring 2016 semester.



Everett Wingert

If any of you have taken GIS or mapping courses at the University of Hawaii's Geography department, you have taken courses from them. Everett Wingert, AKA Ev, has been working in the geography Department since 1971. He has made and published many Atlases, found and scanned many historic maps, and has been the main force behind field mapping for many, many years. Of course retirement is not an end, Ev will be Professor Emeritus and you may see him still with a new cohort of students mapping somewhere; parks, arboretums, cliffs, one never knows.

Photo: The unveiling of the Wingert survey monument installed near the Physical Science Building (PSB) was observed by recent students in GEOG 472.



MattMcGranaghan

Matt McGranaghan has certainly put in his time too. He has been the main GIS faculty for many years in the geography department. He also is into Remote Sensing, Programing, and spatial cognition to name a few. During Matt's tenure, he has taught many of today's GIS professionals across Hawaii and beyond.



FINANCIAL REPORT

2015-2016

Thanks to the leadership of HIGICC, the State Office of Planning, and the Hawaii Congress of Planning Officials and with the support and participation of Hawaii's geospatial and planning community, the 'Island Futures 2015' conference generated a profit share of \$16,449 for HIGICC. The conference profit is used to offset HIGICC's annual spending deficits of \$3,000 to \$6,000 per non-conference year as well as fund start-up costs for future conferences.

Membership dues of approximately \$6,000 continue to support basic operating expenses which typically run from \$4,000 to \$6,000 per year. Surpluses from membership dues along with annual donations (\$100-\$200/yr.) and conference profits offset expenses that support the Mark Lierman Memorial Scholarship Fund (\$2,000/yr.), Board of Director travel (~\$2,000/yr.), and special events such as GIS Day, GIS Expos, workshops, and the Annual meeting (~\$1,000).

Gross income for the year was \$130,824.63. Gross expenses were \$118,878.23. Net gains were \$11,946.40. Current reserves at the bank are \$55,283 as of 6/15/2015.

FINANCIAL SUMMARY

Income		Expense		Net Gain/Loss
Membership Dues	6,000.00 *	Basic Operating Costs	-5,587.02 *	412.98 *
		Fixed Operating Costs	-3,267.02 *	
		D &O Insurance	-718.00	
		Contact Management Site	-1,200.00	
		Domain Name	-143.52	
		Email Service	-150.00 *	
		PO Box	-200.00	
		Postage	0.00	
		Licenses & Permits	-3.50	
		PayPal Fees	-180.00 *	
		Web Conferencing Service	-672.00	
		Professional Services	-1,800.00	
		Web Design	-1,800.00	
		Accounting Services	0.00	
		Legal Fees	0.00	
		Membership Dues	-520.00 *	
		NSGIC	-370.00 *	
		HANO	-150.00	
Donations - Scholarship	100.00	Scholarship Fund	-2,000.00	-1,900.00
Board Travel Income	0.00	Board Travel Expense	-1,765.00 *	-1,765.00 *
Events Income	124,724.63	Events Expense	-109,276.21 *	15,448.42 *
GIS Day	0.00	GIS Day	-500.00	-500.00
Annual Meeting	500.00 *	Annual Meeting	-1,000.00 *	-500.00
Conference 2015	124,224.63	Conference 2015	-107,776.21	16,448.42
		Miscellaneous	-250.00 *	-250.00 *
		Member Gift (SWAG)	-250.00 *	
TOTAL INCOME:	130,824.63 *	TOTAL EXPENSES:	-118,878.23 *	11,946.40 *
				NET GAIN

*Denotes projected amounts by the end of the fiscal year.



LIERMAN SCHOLARSHIP AWARD

Meghan Mulley, University of Hawaii Hilo Campus

Meghan is pursuing a Bachelors in Environmental Science

Mark Lierman Scholarship Undergraduate Recipient

“As a student, Meghan is an excellent problem solver and a creative person – a strong combination for a successful GIS student. She is also patient, resilient and a self-starter. Meghan never fell victim to the natural roadblocks that can derail a student in GIS (technology frustration, losing data, a lack of step-by-step directions for every problem you encounter). She persevered right to the end, going above and beyond, teaching herself new skills and making beautiful maps.” Patricia Thompson, Instructor of Environmental Conservation.



Nick Tuner, University of Hawaii, Manoa Campus

Nicolas is pursuing a Masters in Geology and Geophysics

Mark Lierman Scholarship Graduate Recipient

“Nick has excellent work ethic and habits. Nick has a natural curiosity which drives him to search out project opportunities and to develop well-reasoned mature proposals for new studies. He is simply quite exceptional in this regard. Nick is an exciting “home-grown” young talent, destined to compete and innovate at the highest level in international volcanology.” Bruce Houghton FRSNZ, Gordon A. Macdonald Professor of Volcanology.

MEMBERSHIP

Membership has held steady and increased a modest amount. There are over 100 full members and several hundred community members. The new election policy has made it easier by removing the categories. The election process for the board has been transformed to all online. Members come from all facets of the geospatial community. There are members in government, education, and private industry. We thank the support and commitment of all members. We cannot do it without you.



EVENTS

HCPO/ HIGCC 2015 Conference

This past year the HIGICC again joined with the Hawaii Congress of planning Officials (HCPO). It was held October 14-16, 2015 at the Hawaii Conventions Center. <http://www.islandfutureshawaii.org/>. The conference was a great success with over 300 people attending. We had preconference workshops and a filled agenda. The two keynote speakers did a great job of bridging GIS and Planning professions. The breakout sessions were full of interesting presentations from across the state and beyond. The presentations are still up and available on the conference website at: <http://www.islandfutureshawaii.org/agenda.html>



Photo: Field trip to the HART Rail project



Photo: Entertainment by Aiden James and friends

GIS WORKSHOPS

TEACHER WORKSHOPS

MAUI

NOV 23 | 9AM - 3PM
BALDWIN HIGH SCHOOL
TEACHER'S WORKROOM

2 Locations

OAHU

NOV 20 | 9AM - 3PM
NANAKULI HIGH SCHOOL

OAHU

NOV 21 | 9AM - 3PM
MCKINLEY HIGH SCHOOL
JBLDG SHOP 4

WEST HAWAII

DEC TBC | 9AM - 3PM
TBC
*PDE3 AVAILABLE FOR WEST HAWAII

EAST HAWAII

DEC 3 | 9AM - 3PM
DOE ANNEX
CONFERENCE ROOM 2
*PDE3 AVAILABLE FOR EAST HAWAII

KAUAI

DEC 3 | 9AM - 3PM
KAUAI COMMUNITY COLLEGE

STUDENT WORKSHOPS

MAUI

NOV 24 | 9AM - 3PM
MAUI WAENA INTERMEDIATE SCHOOL
ROOM A103

GIS DAY OAHU

NOV 17 | 9AM - 12PM
NOAA INOUYE REGIONAL CENTER
OPEN TO K-12

GIS DAY MAUI

NOV 21 | 10AM - 2PM
QUEEN KAAHUMANU
CENTER STAGE
OPEN TO PUBLIC



Hawaii Geographic Information Coordinating Council (HIGICC) and MEDB's Women in Technology Project partnered to host the National GIS Day Celebration Hawaii. The National GIS Day helps inspire students to explore career possibilities in geospatial fields and improve the geoliteracy of Hawaii's community. GIS Day included the National Geographic Giant Traveling Map which traveled to every island across the islands for a unique hands-on and feet-on experience for all ages.

Esri Education Manager Charlie Fitzpatrick traveled across the state facilitating GIS training workshops with over 70 teachers and 45 students learning new skills GIS has to offer.



STUDENTS EXPLORE GIS TECHNOLOGIES AT NOAA

Over 150 students from Castle High School, Waipahu High School, Mililani High School, Nanakuli High and Intermediate, and Hawaii School for the Deaf and the Blind gathered at the NOAA Daniel K. Inouye Regional Center to celebrate GIS Day on November 17, 2015 to learn the various ways GIS technologies in five interactive sessions.



Photo: Kaunakakai Elementary School, Molokai

GIS DAY WEBCAST

Schools from around the state gathered on November 18, 2015 for a GIS Day Webcast hosted by the Women in Technology team.

612 students participating in the interactive webcast were able to learn the various ways professionals use GIS in Hawaii that extended from the beaches to the forests across the state.

The presenters and their presentation topic were as follows:

- Noelani Puniwai, UH Hilo – Mapping the Beach
- Marissa Chee, Oahu Forestry Specialist – Protecting and Managing Hawaii's Forest Using GIS
- Maia Kapur, Hawaii Institute of Marine Biology – How a Girl Who Didn't Like Computers Became a Marine Spatial Ecologist
- Karen Volarich, GIS Developer – Using ArcGIS Online for Deploying Dynamic Mapping Applications
- Sarah McLane Bryan, GIS Education Specialist – GIS in Ecosystem Management
- Ryan Perry, UH Hilo Dept. of Geography – Environmental Applications of GIS and UAVs on the Big Island

Mailing Address:
HIGICC
P.O. Box 1174
Honolulu, Hawaii 96807-1174

General Correspondence:
higicc@higicc.org

Board Members:
higicc_board@higicc.org

Website: <http://higicc.org>



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