

International Council on Systems Engineering Enchantment Chapter (New Mexico & El Paso, TX) 2024 Operating Plan

Digital Approval and Signature Digital Approval and Signature Amy Moy Vice President and President Elect Digital Approval and Signature Ann Hodges Secretary Digital Approval and Signature Mary Compton

Treasurer

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Purpose

This operating plan provides detailed activities for the INCOSE Chapter (hereafter called Chapter). The purpose of this operating plan is to outline the approach to achieving the Mission, Goals, Objectives, and Activities (initiatives) outlined in the Strategic Plan.

Operating Year

The fiscal and operating year of the Chapter runs from January 1 through December 31 of each year.

2024 Board of Directors and Responsibilities

The Chapter organization and responsibilities are presented below. The Chapter President is responsible for assigning tasks to accomplish specific activities and/or developing new committees as deemed required by the chapter by-laws. The current year's officers can be found on the Chapter's website at this link.

At any time, by a vote of the Board, non-elected, non-voting Committee Chairs and Committee Members may be appointed and encouraged to attend and be heard at Board and Strategic Planning meetings.

Position	Duties
Board of Directors	The Board of Directors (BoD) shall consist of the President, Vice-President/President-Elect, Secretary, Treasurer, recent Past President, and four Directors at Large. The affairs of the Chapter shall be managed by the BoD under such rules as the BoD may determine, subject to the Bylaws. The BoD shall take the necessary actions to provide the day-to-day operations and management of the Chapter. Under this responsibility the BoD may, at its option, appoint non-voting committee members and chairs, Program Directors, and administrative staff; and approve contracting of administrative and support functions.

Immediate Past President Cheryl Bolstad	The Past President shall provide advice and counsel to the BoD and participate in Chapter business as a voting member of the Board. The Past President may, at their discretion and with Board approval, chair Chapter committees.						
President Jose Parga	The President shall have general supervision of INCOSE Chapter affairs. The President shall preside at INCOSE Chapter meetings and at meetings of the BoD. The President shall represent the INCOSE Chapter with INCOSE.						
	The President, as Director of Chapter Effectiveness, takes responsibility for the periodic review of Goal 4 activity progress evaluation, and recommendations for performance improvement if needed.						
Vice President/President Elect Amy Moy	The Vice-President/President-Elect shall assist the President and shall assume the duties of the President when the President is unable to perform these duties. The Vice-President/President-Elect shall succeed to the position of the President upon completion of her/his term of office or if the President resigns.						
	The Vice President shall serve on the Operations Committee and assist with committees and/or Chapter Awards as needed.						
Secretary Ann Hodges	The Secretary shall prepare the minutes of the BoD meetings and shall maintain all permanent records. The Secretary shall provide communication between the BoD, the INCOSE Chapter membership, and INCOSE.						
Treasurer Mary Compton	The Treasurer shall be responsible for the financial affairs of the Chapter. The Treasurer shall receive all funds paid to the Chapter and shall approve and make payment of all bills incurred by the Chapter as approved by the BoD. The Treasurer shall develop an annual operating budget and make quarterly financial reports to the BoD and make an annual report of the Chapter's financial affairs to INCOSE.						
Directors at Large • Quinn Fatherley • Heidi Hahn • Greg Chavez • Robert Schwenke	The Board may include some number of at-large voting Directors as it sees fit, subject to any Bylaw constraints.						

Activity	Responsible						
Committee	Chair						
Technical (TechCom)	Heidi Hahn						
Professional Development (PDCom)	Ann Hodges						
Engagement (EngageCom)	Cheryl Bolstad						
Operations (OpsCom)	Jose Parga / Amy Moy						
Program	Director						
Chapter Effectiveness	Jose Parga						
Circle Awards	Amy Moy (Cheryl will mentor)						
Communications	Ann Hodges						
Social Events	Mary Compton						
Knowledge Management (Website & Teams Repository)	Ann Hodges						
Governance	Jose Parga						
Newsletter	Amy Moy (Jose will support)						
Membership Surveys	Rob Schwenke						
Professional Development & Programs	Ann Hodges						
Regional Interaction Coordinator	Jose Parga & Amy Moy						
Social Networking	Raymond Wolfgang						
Student Division UTEP	Sergio Luna						
Webmaster	Ann Hodges (Jose will be backup)						
2024 WSRC	Co-chairs: Cheryl Bolstad, Jose Parga						
	Team: Raymond Wolfgang, Mary Compton, Ann Hodges, Amy Moy, Greg Chavez, (maybe Quinn Fatherly), Heidi Hahn (review papers)						

Events

The Chapter holds monthly chapter meetings on the second Wednesday of each month; any deviation from this schedule will be announced on the Chapter Website. All monthly chapter meetings utilize a webinar capability to engage remote presenters and reach our chapter audience, which extends from El Paso, Texas to northern New Mexico. The meetings are open to all INCOSE members and other interested individuals. Feedback is collected from Chapter meeting attendees using a survey tool to monitor the performance of our meetings and selection of topics. Scheduling of monthly speakers is done at least 3 months in advance, providing a 3-month forward roster of scheduled speakers. Typically, the Chapter holds ten to eleven speaker meetings a year, and two social networking events in Spring and Fall. The Chapter aims to schedule at least one tutorial or workshop in the Spring, typically a full day. The topics are derived from surveys of Chapter

member interest, suggestions by BoD members, and the availability of visiting experts in the systems engineering field.

Monthly meetings are announced via the Chapter website, through an email distribution list, and in the quarterly newsletter. The Chapter's website site is used to announce upcoming speaker events, and as a repository for presentations and recordings of all past Chapter meeting events. Tutorials are normally conducted at the Central New Mexico Community College Workforce Training Center. Special activities such as the Socorro Systems Summit will be supported as often as possible. These events will be publicized in the Chapter newsletter and through email notifications. See Communication Plan for more details.

Officer Training

New Officers and Directors are required to be trained. This is accomplished no later than the first quarter of a new Officer's/Director's tenure and certified by the Officer/Director with an email to the President testifying to the nature of the training and the date of training. Training occurs either at International Workshop and International Symposium training sessions or by individual viewing of the INCOSE Officer training videos and materials.

Annual General Meeting Consideration

The Chapter Board has debated the concept of an Annual General Meeting (AGM), and concluded that a dedicated meeting, or even an AGM occurring at the conclusion of a monthly professional development meeting, would have little appeal or participation by the membership. So, with the AGM intent of reviewing Chapter accomplishments and plans and soliciting input from the membership, we opt to employ other mechanisms to the same ends.

Annually we hold a social where we review Chapter activities and accomplishments for the year, typically with a Power Point slide loop, and ask the attendees for any input they may have about the previous year or what they would like to see in the future. We also review the Chapter accomplishments in the Winter Newsletter, and we do an annual Membership survey asking for input on Chapter operational and strategic plan execution performance as well as suggestions for the future. Operational and strategic plans for the year are reviewed, revised, and posted each year no later than April 15.

Operating Plan

The Operating Plan provides Need, Intent, Measures of Effectiveness (MOE), and Plan considerations for the operational Activities (initiatives) outlined in the Strategic Plan to achieve the Chapter Mission: Provide professional development value to members.

Some Activities are present under multiple goals with different Needs, Intents, MOEs, and Plans aligned to a specific Goal. Parties responsible for each Activity are not designated specifically in this Plan, as a responsible party is named for each Goal, and specific activity tasks are determined by the Board periodically.

The beginning of the operating plan shows the four people responsible for reviewing and evaluating the achievement of the activities under their respective Goal. We don't put names to each activity as they change from time to time as Board members with the time and inclination agree to tackle activities in need of attention and are often other than the Goal-responsible party. The activities under Goal 4 (shown below) include "Ensure that each Activity has an attentive responsible party." This fluid operational way that Board members have traditionally worked on accepting tasks in need of attention is a valued operating philosophy.

Goal 1: Contribute technically to the Systems Engineering Profession

Activity: Facilitate, support, and report on technical contributions of members and the Chapter to INCOSE, and to the larger engineering community.

Need: Knowledge of what would engage or increase technical contributions within the

Chapter and to INCOSE. Member representation in regional events. Increased interaction with regional organizations that provides benefit directly to the members involved, and to all members through a strengthened Chapter.

Intent: Select events to pursue and provide guidance and materials for effective

member execution of selected events. These events may be outreach events or

technical gatherings (workshops, mini-conferences).

MOE: Post-event feedback from event leaders evaluated for support effectiveness.

Improved member leadership and management skills, and personal network growth; increased and diversified Chapter membership. At least three regional organizations express interest in learning more about the Chapter or systems

engineering in general.

Plan: During the operational year the Board will select target outreach events,

identify a Chapter responsible lead for each selected target, and assist the lead in securing a scheduled event. A value proposition for members to participate in or lead outreach events will be developed, consistent with the Chapter Mission and Goals. Outreach scenario suggestions will be developed. Materials from INCOSE will be obtained for use, and materials employed in completed events will be archived for reuse. Designated leads will develop an interaction plan, lead the event execution, and assemble MOE evaluation evidence. Contribute to Goals 1, 3, and 4. Will also involve tailoring INCOSE's value proposition statements for external organizations. Include discussion of value proposition in Chapter-initiated regional interactions. These may be with other INCOSE

chapters, or external discussions.

Activity: Facilitate member collaboration with each other, and outside INCOSE

Need: Collaborative projects and workshops that engage Chapter members actively as

participants.

Intent: Professional development through contributory engagement.

MOE: At least one active project and at least one collaborative workshop.

Plan: Develop ConOps for Chapter projects. Publish project ConOps and promote

potential project plans and collaborative workshops in Newsletter. Identify and employ collaborative tools that facilitate remote project engagement. Initiate collaborative Chapter projects and collaborative workshop events. Contribute

principally to Goal 3.

Activity: Facilitate larger INCOSE participation and certification.

Need: Membership awareness of INCOSE WG topics, activities, participation methods,

and the SEP certification program.

Intent: Expose and encourage Chapter membership to WGs and participation

opportunities. Promote certification and means for obtaining certification.

MOE: Communicated coverage/breadth of WGs. Identify WG participation via informal

survey of chapter membership, and observation at INCOSE events such as the International Workshop (IW) and International Symposium (IS). Also: count

and trend-evaluation of SEP-certified Chapter members.

Plan: Newsletter and word of mouth will feature at least one WG in each issue.

Coverage of relevant certification news and preparation events in Newsletter, at Chapter meetings, and on the Chapter website. Publish names of Chapter SEPs

annually. Invite chapter members who are on WGs to present at chapter meetings. Emphasize the importance of WG participation to one's professional growth as well as networking. Contribute to Goals 2 and 3.

Activity: Support and encourage membership in student divisions.

Need: Interactions with student organizations that provide benefit directly to the members involved, and to all members though a strengthened Chapter.

Intent: Professional development channel for student members; and enhanced and

diversified Chapter membership.

MOE: Stable or growing membership in Chapter-affiliated student division(s).

Addition of at least one more Chapter-affiliated student division.

Plan: Student division liaison(s) develop plan to maintain or increase membership.

Provide professional development events free to student division members. Include discussion of chapter divisions in Chapter interactions with academia.

Contribute to Goals 1 and 2.

Activities for Goal 2: Be THE First Choice for Systems Engineering Professional Development

Activity: Provide varied and frequent professional development events and opportunities

Need: Educational and professional Chapter talk and tutorial events that are valued by

the membership, well-attended, and properly archived for later use.

Intent: Identify member and employer interests that Chapter talk, and tutorial events

can leverage to enhance professional development among the membership. Select monthly speakers and periodic tutorials that fit membership and employer interests. Plan, communicate, and archive event records for

maximum-possible membership access.

MOE: Chapter event attendance, and evaluation of feedback from attendees.

Plan: Membership will be polled for specific interests early in each calendar year, and

subsequently throughout the year as further feedback is deemed useful. Board members will conduct informal polling at their places of employment as well as other places where relevant access is available. Speakers and tutorial leaders will be engaged and invited to present on their SME areas. Contribute to Goals 2 and 4. Poll the membership for event timing preferences. Timing, publication, and archival of events will be completed; Webex and other online tools will be deployed as possible to facilitate remote attendance. Website and newsletter

will be maintained.

Activities for Goal 3: Collaborative Engagement

Activity: Determine membership needs and interests

Need: Ascertain member interests. Knowledge of project activities that would attract

member engagement.

Intent: Identify member interests that Chapter project activities can leverage to initiate

projects and engage active participation, consistent with Mission and Goals.

MOE: Membership engagement in project activities.

Plan: Membership demographics will be analyzed for indications of potential interests.

Membership will be polled for specific interests from time-to-time throughout the year. Interests will be solicited at Chapter events for follow-on related

project activity. Proposals for Chapter projects will be published in the Newsletter to gauge interest through requests to participate. Active recruitment of project participants.

Activities for Goal 4: Maintain Reliable and Effective Chapter

Activity: Plan at Strategic and Operational levels.

Need: A plan to achieve the Chapter mission that is managed for effectiveness.

Intent: Officer-approved strategic and Operating Plans developed early in the year and

evolved subsequently as appropriate.

MOE: Officer approval of annual plans by April 14.

Plan: Yearly strategic planning session will review draft Strategic and Operating

Plans. Subsequent refinement will be approvable by the Officers in time for Circle Award submission, should the Board decide to participate in Circle Awards. Plans will be further updated throughout the year if deemed necessary

by the Officers. Contribute to Goal 4.

Activity: Review execution effectiveness for all goals.

Need: Ensure that Activity execution meets effective Needs and Intents.

Intent: Activity progress toward goal achievement is reviewed periodically by the

Board, corrective action is taken if needed, and Chapter performance and

resources are communicated to the membership.

MOE: Polled membership evaluation that Plans are appropriate and are executed

effectively.

Plan: Ensure that each Activity has an attentive responsible party. Rotate through

goal achievement-evaluation reviews at monthly Board meetings. Mitigate execution problems and refine the Plans as needed. Communicate the Plans and accomplishment to the membership in Newsletter and website. Conduct

membership poll toward the end of each year assessing the value of

accomplishments for the year. Contribute to Goals 2 and 4.

Activity: Ensure good operational practices.

Need: Execution of good Chapter practices

Intent: Board member diversity, effective Board meetings, consideration of circle award

criteria, recognition of outstanding personal contributions to Chapter

effectiveness.

MOE: Operationally effective Board membership and activity recognized in annual

membership survey.

Plan: Board succession planning, timely distribution of ballot & bios for elections,

board meeting agendas distributed for comment one week prior to final agenda and board meeting, attention to circle award criteria as Chapter practice guidance, awards and letters of appreciation for notable Chapter service.

Contribute to Goal 4.

Activity: Increase chapter effectiveness by cultivating a diverse board.

Need: Active and interested Board members that can increase the effectiveness of our

chapter.

Intent: Increase capability of Board and ability of Board to welcome many different

types of professionals.

MOE: Board Member gender mix of 50% male and female, and Board Member

organizational mix not disproportionately represented by any one organization

relative to Chapter membership.

Plan: The board develops a candidate target list and identifies willing chapter

members to run for board positions. The board will discuss these candidates and nominate them with a strong backing for the position during the election.

Contribute to Goal 4.

Budget

				Ench	nantment C	hapter Budge	t - 2024 - FINAL								
Quarter 1			_	Quarter 2			Quarter 3			Quarter 4			TOTAL - CY2022	<u> </u>	
Receipts		Actual	_	Receipts	Estimated	Actual	Receipts		Actual	Receipts	Estimated	Actual	Receipts		Actual
Dues			_	Dues			Dues	\$1,800.00		Dues			Dues		
Contributions				Contributions			Contributions			Contributions			Contributions		
Interest				Interest	\$20.00		Interest			Interest	\$20.00		Interest		
Social Events				Social Events			Social Events			Social Events			Social Events		
Fundraising			_	Fundraising			Fundraising			Fundraising			Fundraising		
Sales of Items (list)				Sales of Items (list)			Sales of Items (list)			Sales of Items (list)			Sales of Items (list		
Outreach (Strategic Plan Goal 1)				Outreach (Strategic Plan Goal 1)			Outreach (Strategic Plan Goal 1)			Outreach (Strategic Plan Goal 1)			Outreach (Strategic Plan Goal 1)		0 \$0.0
Profesional Development	:			Profesional Development			Profesional Development			Profesional Development			Profesional Development		
(Strategic Plan Goal 2)				(Strategic Plan Goal 2)			(Strategic Plan Goal 2)			(Strategic Plan Goal 2)			(Strategic Plan Goal 2)		0 \$0.0
Member Rewarding Activities				Member Rewarding Activities			Member Rewarding Activities			Member Rewarding Activities	[Member Rewarding Activities		
(Strategic Plan Goal 3)				(Strategic Plan Goal 3)			(Strategic Plan Goal 3)			(Strategic Plan Goal 3)			(Strategic Plan Goal 3)		0 \$0.0
Reliable/Effective Chapter				Reliable/Effective Chapter			Reliable/Effective Chapter			Reliable/Effective Chapter			Reliable/Effective Chapter	1	
(Strategic Plan Goal 4)				(Strategic Plan Goal 4)			(Strategic Plan Goal 4)			(Strategic Plan Goal 4)			(Strategic Plan Goal 4)	\$0.00	
Other (list)				Other (list)			Other (list)			Other (list)			Other (list	\$0.00	\$0.0
Tutorial Registration Fees				Tutorial Registration Fees			Tutorial Registration Fees			Tutorial Registration Fees			Tutorial Registration Fees	\$0.00	0 \$0.0
TOTAL	\$1,420.00	\$0.0	00	TOTAL	\$20.00	\$0.00	TOTAL	\$2,020.00	\$0.00	TOTAL	\$20.00	\$0.00	TOTAL	\$3,480.00	0 \$0.0
Expenses		Actual		Expenses	Estimated	Actual	Expenses	Estimated	Actual	Expenses	Estimated	Actual	Expenses	Estimated	Actual
Board Expense															
(Strategic Planning Meeting															
facility rental and lunch)	\$300.00			Board Expense			Board Expense			Board Expense			Board Expense	\$300.00	0 \$0.0
Speaker Honoraria	ı														
(\$1200 budgeted for 2023	:														
Speakers)	\$1,500.00			Speaker Honoraria	\$300.00		Speaker Honoraria	\$300.00		Speaker Honoraria	\$300.00		Speaker Honoraria	\$2,400.00	
Social Events	\$1,700.00			Social Events			Social Events	\$750.00		Social Events			Social Events	\$2,450.00	\$0.0
Service Awards (Spring Social)	\$0.00			Service Awards	\$50.00		Service Awards			Service Awards			Service Awards	\$50.00	J
Travel				Travel			Travel			Travel			Trave	\$0.00	\$0.0
Grants to others				Grants to others			Grants to others			Grants to others			Grants to others	\$0.00	\$0.0
Fundraising expense				Fundraising expense			Fundraising expense			Fundraising expense			Fundraising expense	\$0.00	
Cost of Items Sold (list)			1	Cost of Items Sold (list)			Cost of Items Sold (list)			Cost of Items Sold (list)			Cost of Items Sold (list	\$0.00	0 \$0.0
Other (list)				Other (list)			Other			Other (list)			Other (list)	\$0.00	\$0.0
Post Office Expenses	\$270.00			Post Office Expenses			Post Office Expenses			Post Office Expenses			Post Office Expenses	\$270.00	0 \$0.0
				, , , , , , , , , , , , , , , , , , , ,			, , , , , , , , , , , , , , , , , , , ,			Donations (INCOSE Foundation					
Donations (INCOSE Foundation)				Donations (INCOSE Foundation)			Donations (INCOSE Foundation)			IW2025 Wine Soiree)	\$100.00		Donations (INCOSE Foundation)	\$100.00	\$0.0
Petty Cash (Miscellaneous			1	Petty Cash (Miscellaneous			Petty Cash (Miscellaneous			Petty Cash (Miscellaneous	,			1	† · · · ·
Expenses for Quarter - List)				Expenses for Quarter - List)	\$125.00	,	Expenses for Quarter - List)	\$125.00		Expenses for Quarter - List)	\$125.00		Outreach (Strategic Plan Goal 1)	\$500.00	\$0.0
WSRC 2024 Expenses			\top	WSRC 2024 Expenses	\$2,000.00		WSRC 2024 Expenses			WSRC 2024 Expenses	\$1,000.00		Socorro Summit Expenses		
Tutorial Expenses (Spring)	72,000.00		+	Tutorial Expenses (Spring)	Ç2,000.00		Tutorial Expenses (Spring)	\$5,000.00		Tutorial Expenses (Spring)	\$2,000.00		 Tutorial Expenses (Spring)		
Tutorial Expenses (Fall)			+	Tutorial Expenses (Fall)		 	Tutorial Expenses (Fall)			Tutorial Expenses (Fall)			 Tutorial Expenses (Fall)		
TOTAL	\$4.895.00	\$0.0	20	TOTAL	\$2,475.00	\$0.00		\$10.175.00	\$0.00	TOTAL	\$1.525.00	\$0.00	Tutoriai Experises (Fall)	\$19.070.00	

Native format for 2024 Chapter Budget:



Operating Policies

The following policies have been adopted by the INCOSE Enchantment Chapter BoD. These policies may be revised by future actions of the board and will be updated in future editions of this Operating Plan.

- 1. VOTING BY EMAIL AND SPECIAL MEETINGS: Voting by email is generally discouraged as it does not comply with Robert's Rules of Order (RONR). Instead, a Special Meeting is the preferred method. However, voting through email may be permitted for special topics if a motion is brought forward by a single board member.
 - a. To call a **special meeting**, the president & secretary send a **notice** to all board members naming the exact **motion** to be considered, and the **time and date**. The board would require a **quorum** to show up in person or on the phone at the appointed time and approve the motion. This approval would be added to the meeting minutes as a special meeting of the board.
 - b. If a board member brings a motion for a special topic to be voted on through email the board will follow a best practice adopted by other groups, namely: that ONLY quorum is sufficient for email approval. Board members must send a "yes" vote to the Secretary. If the quorum is achieved, the decision can proceed. Further, the decision must be ratified by the board at the next scheduled board meeting.
- 2. ADVERTISING IN NEWSLETTER: The chapter newsletter will not accept advertising that promotes for-profit events and products. Exceptions to the policy allow appropriate INCOSE sponsored events that may be for-profit, such as SEP training, any-Chapter sponsored events, products offered by INCOSE and any-Chapter.
- 3. PETTY CASH BUDGETS: As indicated in the annual budget in this Operating Plan, the treasurer has a petty cash budget to accommodate small expenses that do not full voting.
- 4. INTERIM BUDGET REQUESTS: Any item brought to the board for approval that entails expenditure shall be presented to the board with a Summary Budget Request. The format for the request is shown below. Approved requests are provided to the Treasurer and filed with the minutes of the board meeting to allow accountability and traceability.

INTERIM BUDGET REQUEST

<u>Specific Objective of this Request</u> – Example: Meet with Dr. X, chair of the Electrical Engineering Department at XX Tech to investigate a joint effort to stand up a systems-oriented cross-departmental program at XX Tech

Strategic Goal Area Supported - Example: Goal 1 Outreach

<u>Goal Area Director Endorsement</u> – Example: <goal director's name> endorses.

<u>Metrics</u> – Example: initial assessment of opportunity presented to board; initial plan, action list & milestones schedule if board approves moving forward based on positive assessment; list of named contacts at XX Tech engaged with INCOSE board.

<u>Activities</u> – Example: Dinner meeting with Dr. X; potential follow-up meetings in Albuquerque and/or City X; presentation of plans or options to board.

<u>Requested Budget</u> – Example: initial business dinner for up to four board members and Dr. X - \$100; potential follow-up business meal in City X for three board members, Dr. X, and two other XX Tech officials - \$120; miscellaneous materials of supplies (buffer) \$30; total request NTE \$250.

5. SPEAKER HONORARIA: The Chapter offers an honorarium of \$100 to speakers. When a speaker declines the honorarium, it is donated to the INCOSE Foundation. The speaker has two weeks to respond to the speaker honoraria email, if no response is received then the honorarium is automatically donated to the INCOSE foundation.