

**Meeting of the CMOS Ottawa Centre Executive**  
**Wednesday, 27 January, 2016, 11:00 AM**  
**Rideau Canal Junior Ranks Mess**  
**4 Queen Elizabeth Dr., Ottawa**

**Final Minutes**

**Present:** Ann McMillan (Chair, Ottawa Centre), Martin Gauthier (Vice-Chair), Yvon Bernier (Treasurer), Bob Jones (Centre webmaster, Archivist, Member-at-Large), Denis Bourque (Member-at-Large), Sheila Bourque (education liaison), Wayne Richardson (Member-at-Large) and Zoé Kuntz (student representative).

**Unable to attend:** Marty Taillefer (past Chair, CMOS Ottawa Centre), Paul Pestieau (Member-at-Large), John Stone (Member-at-Large) and Leslie Malone (Secretary).

**Proceedings:**

1. Ann McMillan chaired the meeting of the Executive held on 27 January 2016. The minutes of the meeting of 16 December 2015 were approved without change. The final version is posted at: <http://cmosarchives.ca/Ottawa/Executive/minutes.html>.

The action items from the December meeting were reviewed without changes.

2. The approved agenda for this current session is attached as **ANNEX 1**. Discussions on each item are summarized in items 3 - 7 below, along with any decisions and actions agreed upon.
3. **Schedule of lunch speakers**  
Ms Amanda Pappin (Ph. D candidate from the Department of Civil and Environmental Engineering, Carleton University) is the January speaker on the topic of her research on the link between air pollution and public health.

Ann McMillan was working on finalizing arrangements with Francis Zwiers, the 2015/16 Eastern Annual CMOS tour speaker, to make his presentation in Ottawa in February 2016. At the time of writing those minutes, his venue is confirmed for February 24 at a special time (11h30). Francis Zwiers is the director, president and CEO of the Pacific Climate Impacts Consortium (PCIC). The title of his presentation is "Changing Extremes – is it real or just imagined?"

At the December meeting, the Executive has asked Ms Zoé Kuntz to explore the possibility of having the CMOS speaker tour hosted at the University of Ottawa. After discussion, it was decided that this option may not be the most convenient one. Ms Kuntz's notes are attached as **ANNEX 2** for future reference.

Ann McMillan is working on finalizing arrangements with Dr Christopher Harley, the 2015 Eastern Annual CNC-SCOR tour speaker, to make his presentation in Ottawa in March 2016. Depending on the date(s) Dr Harley is available, he could be the March 2016 speaker for the Ottawa Chapter. However, it seems that the Rideau Canal Junior Ranks Mess is not available for the selected date of March 16.

**ACTION:** Ann McMillan will follow up with Dr Harley to confirm a March speaker (as soon as possible).

The Canadian Association of the Club of Rome (CACOR) has invited the CMOS Ottawa chapter to jointly sponsor a talk in April 2016, probably the third week of the month, at their venue, The Army Mess, 149 Somerset St. W (please note there is a dress code at this venue). The speaker would be Robert Sanderson, and the topic would be UN-Water. The Executive decided to accept this invitation, and to ask CACOR if other sponsors would be welcome.

**ACTION:** Ann McMillan will accept CACOR's invitation and work with them in finalizing the arrangements to jointly sponsor this event. Ann will also ask CACOR if they would consider also inviting, for example, the Air and Waste Management Association (AMWA) to co-sponsor this talk.

Decisions and status of arrangements for luncheon speakers for September to December 2015 and for January to May 2016 are summarized in **Table 1 and Table 2**, respectively, below.

#### 4. Finances

Yvon Bernier reported that a GIC worth about ten thousand dollars recently matured. The cash is now sitting in the bank account, but should be re-invested. Mr Bernier made a proposal for the reinvestment (attached as **ANNEX 3**). After discussion, the Executive agree on investing two amounts of \$4000 for a 5-year GIC at the Bank of Montreal.

**ACTION:** Mr Bernier and Mr Gauthier will schedule an appointment at the bank to make those investments.

In January 2016, Ann McMillan sent to the Executive a Centre annual report, which includes a financial statement from the Centre's treasurer. This report is attached as **ANNEX 4**.

#### 5. Partnerships

- i. Universities: Efforts are underway to see if U. Ottawa will host the CNC-SCOR speaking event in March. The Executive was pleased to note that the Chapter now has a student representative from U. Ottawa and that, in addition, Janice Pilon has indicated that she is willing to serve as a student representative for Carleton University.

**ACTION:** Ann McMillan will invite Janice Pilon to be the student representative for Carleton University and will request her permission to provide her contact information to Laura Gillard (the national level student representative), as soon as possible. Bob Jones is to be copied on the correspondence.

- ii. CACOR: This partnership is working well. A joint event is being planned for April 2016 (see item 3 above).

#### **6. Science Fairs**

Yvon Bernier reported that everything is on track with respect to the science fairs. Yvon will be sending a letter to Ann for getting funding from CMOS national for the Ottawa Science fair.

**ACTION:** Yvon will send to Ann the letter for getting funding for the science fairs. Ann will send the letter to CMOS national (as soon as possible).

#### **7. Other business**

It was noted that the next Congress would be held in Fredericton, New Brunswick, in late May/early June.

- 8. Closure.** The meeting was closed at 11:45. Participants were thanked for their contributions to the discussions.

**Table 1: Summary of luncheon speakers, September-December 2015**

<b>Date</b>	<b>Speaker</b>	<b>Proposed by</b>	<b>Status</b>
2 September	Dr Adam Sobel, MEOPAR tour speaker	MEOPAR	Completed
23 September	Mark Richardson	Wayne Richardson	Completed
28 October	Phil Chadwick	Bob Jones	Completed
25 November	John Stone	John Stone	Completed
16 December	Zoe Perkins	Denis Bourque	Confirmed

**Table 2: Summary of luncheon speakers, January-May 2016**

<b>Date</b>	<b>Speaker</b>	<b>Proposed by</b>	<b>Status</b>
27 January	Amanda Pappin	Martin Gauthier	Confirmed
24 February	Francis Zwiers	Ann McMillan	Confirmed
23 March (TBD)	Christopher Harley	CNC-SCOR	In progress
April (date TBD)	Robert Sandford	CACOR (joint event)	In progress
25 May	TBD	TBD	TBD

For CMOS archive of past speakers: <http://cmosarchives.ca/Ottawa/ottawapastspeakers.html>

**Approved AGENDA**

- 1.** Changes to agenda (all)
- 2.** Minutes of December meeting (all)
- 3.** Schedule of lunch speakers (all)
  - a.** February 23 – CMOS Tour Speaker, Francis Zwiers (Ann, Zoe)
  - b.** March 16– SCOR Tour Speaker, Chris Harley
  - c.** April 20 – Special event with Club of Rome – Robert Sanderson
  - d.** May – Speaker from the MSC?
- 4.** Finances (Yvon)

Please see attached proposal.
- 5.** Annual Report (Ann)

Please see attached draft, thanks for your earlier comments.
- 6.** Science Fairs (Yvon, Marty)
- 7.** Other business - Round Table (all)
- 8.** Adjourn.

**Ms Kuntz's notes concerning hosting an event at the University of Ottawa**

**GSAED**

**Multipurpose room 307**

This multipurpose room is equipped with a projector and screen. It is perfect for a panel, a workshop or even a movie night. It seats 35 people, but the total capacity is 55. It is only available weekends and from 17:30 to 22:00 (exceptionally 23:00) during the week.

Email said « Capacity is 28-32 persons”

**GEO DEPARTMENT**

-Mardi le 23 février :

La salle SMD 039 – 35 places, projecteur

Libre à 13 :30-

-Lundi le 14 mars:

Salle SMD 039, 35 places, projecteur

SMD 125 – 60 places, projecteur

SMD129- 40 places, projecteur

Libre

<https://reservations.uottawa.ca/en>

Glenn Milne's 'Ottawa Ice and Climate Group' ?

Geographic Research Society

**GGSA – Geography Graduate Student Association**

[https://reservations.uottawa.ca/sites/reservations.uottawa.ca/files/sfuo\\_mtg\\_guide\\_eng\\_2015\\_2016\\_-\\_draft\\_2.pdf](https://reservations.uottawa.ca/sites/reservations.uottawa.ca/files/sfuo_mtg_guide_eng_2015_2016_-_draft_2.pdf)

The following is a list of lecture halls where Clubs and Societies can rent fully equipped multimedia podiums:

- **LMX 122** is a lecture hall with a capacity of 122 people
- **SCS E217** is a lecture hall with a capacity of 77 people
- **DMS 1160** is a lecture hall with a capacity of 200 people
- **SITE A0150** is a lecture hall with a capacity of 124 people
- **CBY C03** is a lecture hall with a capacity of 210 people
- **MNT 202 and 203** are lecture halls with a capacity of 244 people each
- **MRN AUD** is a lecture hall with a capacity of 420 people

These rooms are available all week long during the fall and winter semesters, free of charge.

Clubs must place a **\$20 deposit** at the time of signing the Multimedia Room's contract and picking up the multimedia equipment access card at the Clubs Coordinator's Office (UCU 030A, located in the Clubs Room).

Requests for **room bookings** must be submitted **at least 8 business days** prior to the proposed event. **If the request is not submitted 8 business days in advance, then the room booking cannot be guaranteed.**

-Checked room availability with geo department (only one room for feb, did not reserve as not preferred option.. only 35 places)

-Checked possibility of booking room with Conference and Reservation (costly, in process of getting paper work done so an existing student club Geographic Research Society can make bookings..some auditoriums free...likely better pricing...when need to pay)

-rooms for banquet/food -cost more require more advanced booking (at least 30 days prior to event) sometimes extra mandatory technician fees, larger rooms cost more hard to know student attendance...impossible to offer free meal

-catering cheapest about 15\$/meal (salad, main, desert+tea/coffee) not include table clothes. ex: canneloni, shepard pie, sandwiches.

-rooms for only presenting (still an option, several available for free) capacity varies from 77-420

-Keeping event at Mess Hall, students free lunch+lecture ... likely large cost financially.

-Alternative, keeping event at Mess Hall, inviting students 2 options lunch+lecture 10or15\$ and lecture\_only 0\$

-Checked possibility of booking room with Graduate Student Society (capacity 30 with table - 50 no tables, free to book, presentation equipment included, available starting at 6pm, possibility to cater snacks from cafe downstairs ex. nachos, brushetta.. and even sell alcohol -but needs 75\$ special event fee, and pre-order) Due to capacity... this would be a second talk on campus in addition to regular mess hall lunch talk... 0\$ to attend, we could cover snacks (about ??\$\$) socializing can continue downstairs in Cafe.

-Private event at Café Nostalgica. Seats 100. Projector mic and screen available (bring your own laptop) from 12-2pm (peak time) café must make 1500\$ (we pay the difference if people spend less). Full menu or set menu our choice. No extra fees. Parking on campus (its reading week should not be busy... probably not free though)

Finance report

## INVESTING THE OTTAWA CENTRE'S MONEY

The current bank balance is about \$10,930. We expect to receive a matching funds subvention of \$450 for the Science Fairs. **The total of those 2 amounts is: \$11,380.** We also have a \$5,000 GIC which will be worth \$5231.43 when coming to maturity in November 2017.

Our needs for the balance of 2014/2015:

5 more luncheons. Assuming an average shortfall of \$200 per luncheon:	\$1000
Science Fairs (\$300 already paid for Expo-sciences 2016)	\$600
Outreach or other activity	<u>\$1000</u>
	\$2600

At the end of the 2015/2016 season, we could thus have a bank balance of about \$8780 or more.

PROPOSAL

Given that situation, we can safely invest \$8000, in a two or three year GIC at the Bank of Montreal. Current rates for GICs are very low. Of the various options available, the best seems to be the **BMO RateRiser Plus GIC**.

This category of GIC is cashable in full on each anniversary of the issue date. If, in one year's time or in two year's time we need additional funds, we could withdraw the GIC with accrued interest. We could do the same for our current \$5000 GIC, i.e. cash it in full in November 2016 if needed.

[BMO RateRiser® Plus GIC](#)

(minimum investment \$1,000)

Years of Investment	2 Year	3 Year	5 Year
1 <sup>st</sup> Year	0.950%	1.200%	1.200%
2 <sup>nd</sup> Year	1.200%	1.350%	1.350%
3 <sup>rd</sup> Year	-	1.500%	1.500%
4 <sup>th</sup> Year	-	-	1.750%
5 <sup>th</sup> Year	-	-	2.250%
Annual Compound Equivalent	1.075%	1.350%	1.610%

# Annual Report CMOS Ottawa Centre – for Year 2015

*Prepared by:*

*Ann McMillan, Chair*

*Jan 31st, 2016*

## 1. OTTAWA CENTRE EXECUTIVE

<b>Position</b>	<b>Jan – Jun 2015</b>	<b>Jun – Dec 2015</b>
Chair:	Ann McMillan	Ann McMillan
Vice-Chair:	Martin Gauthier	Martin Gauthier
Past-Chair:	Marty Taillefer	Marty Taillefer
Recording Secretary:	Leslie Malone	Leslie Malone
Treasurer:	Yvon Bernier	Yvon Bernier
Education Coordinator:	Sheila Bourque	Sheila Bourque
Student Representative:	Wesley Van Wychen	Zoé Kuntz Janice Pillon
Membership:	Bob Jones	Bob Jones
Members-at-large:	Richard Asselin Denis Bourque Wayne Richardson Paul Pestieau	Denis Bourque Wayne Richardson Paul Pestieau John Stone

## 2. SUMMARY OF MEETINGS

2.1 CMOS Ottawa held nine (9) luncheon events with speakers during calendar year of 2015. The luncheons are the Centre's key activities, starting in September and usually ending in May of the following calendar year.

2.2 Attendance varied from approximately 25 to almost 60 participants, with a group of approx. 40 members who form the main core of attendees at the meetings. The Centre continued its outreach to students by offering a discount for participation. Although both universities lack Oceanographic or Meteorological programs, there are professors with active programs related to these, and there are seminar series at the universities. It was decided to seek student representatives from both Ottawa and Carleton universities, and Zoé Kuntz and Janice Pillon have agreed to participate.

2.3 In addition, this year the decision was made to support a high school student to take part in the “Students on Board” program. A \$1000 donation was contributed to [Zoë Perkins](#) of Canterbury High School who was on Board the Amundsen for a cruise in October, 2015. She presented a summary of her experience at the Christmas CMOS Ottawa Centre Lunch in December and is writing an article for publication in the CMOS Bulletin.

2.4 The Ottawa Centre continued relationships with other science organizations in the National Capital Region through publicizing mutual events. A letter of agreement with the Club of Rome was signed offering membership rates when attending events organized by the other group. In addition more care is being taken to avoid conflicting dates for lunches.

2.5 Prior to each luncheon, the executive meets for one hour to discuss the day’s luncheon agenda and address current activities or issues that need oversight or management. Our executive met once over the summer to ensure that the fall activities were in place.

2.4 The Speakers and their topics are presented in the following table:

Date	Speaker	Title of Talk
21 January 2015	<p><b><a href="#">Debby Ianson</a>, SCOR Tour Speaker</b>            Federal research scientist at the Institute of Ocean Sciences in Sidney BC and Adjunct Professor at the University of British Columbia, Simon Fraser University and the University of Victoria.</p>	<p><a href="#">Ocean Acidification on the Canada's west coast: what do we really know?</a></p>
19 February, 2015	<p><b><a href="#">Wendy Watson-Wright</a></b>            Special Advisor to the Deputy Minister, Fisheries and Oceans Canada</p>	<p><a href="#">One planet, one ocean: the Intergovernmental Oceanographic Commission of UNESCO</a></p>
19 March, 2015	<p><b><a href="#">Antoni Lewkowicz</a></b>            President, International Permafrost Association, Department of Geography, University of Ottawa</p>	<p><a href="#">Mountain climates and mountain permafrost in Canada</a></p>

16 April, 2015	<b><a href="#">Charles Hannah</a>, CMOS Tour Speaker</b> Institute of Ocean Sciences, Victoria, BC	<a href="#">The Oceanographic Component of the World Class Tanker Safety Initiative: Phase 1 - North Coast of British Columbia</a>
14 May, 2015	<b><a href="#">M. A. (Mac) MacLeod</a></b> President of Scotia Weather Services Inc, Dartmouth NS	<a href="#">An Adventure in Automated Aviation Weather Forecasting</a>
24 Sept, 2015	<b><a href="#">Mark Richardson</a></b> Canadian Wildlife Service, Environment Canada	<a href="#">Conservation Mapping in Canada's North</a>
28 Oct, 2015	<b><a href="#">Phil Chadwick</a></b> Retired meteorologist and "plein air" artist	<a href="#">Science as an Art</a>
25 Nov 2015	<b><a href="#">John Stone</a></b> Adjunct Professor, Department of Geography and Environmental Studies, Carleton University	<a href="#">Paris 2015 - COP21</a>
16 December 2015	<b><a href="#">Zoë Perkins</a></b> Canterbury High School	<a href="#">Report from Schools on Board Arctic Expedition 2015</a>

### **3. REGIONAL SCIENCE FAIRS**

#### **Report on Ottawa Regional Science Fair 2015**

3.1 The Ottawa Regional Science Fair 2015 was held March 28, 2015 and the CMOS judges were Martin Taillefer and Craig Hamm.

#### **FIRST PRIZE: \$200 and a CMOS Certificate**

**Shamus McCoy**, Grade 12

*Indicator Species of the Passamaquoddy Bay (Bay of Fundy)*

Shamus participated in a science school trip to the Bay of Fundy and he analyzed data collected by him about certain species of rock barnacles and sea urchin in an attempt to use these species as a barometer of climate change. This was a very clever project that in the judges' view was deserving of a CMOS award.

#### **SECOND PRIZE: \$100 and a CMOS certificate**

**Maya Ladki & Megan Wright**, Grade 8

*Into the Storm. Hurricanes versus Climate Change*

Maya and Megan collected hurricane data from the past 100 years. They analyzed and assessed storm intensities and tried to correlate with climate change effects over the past 100 years. Overall the project was well conceived and was an excellent start to their understanding of meteorology and climate.

#### **EXPO-SCIENCES 2015 Outaouais Regional Final**

3.2 This year's science fair was held at the Université du Québec en Outaouais in Gatineau on March 13, 14 and 15, 2015. Eighty-six projects developed by primary- and secondary-level students from Québec's Greater Outaouais Region were on display.

3.3 This year, six of the projects had sufficient elements relating to meteorology, oceanography or related sciences to be eligible for CMOS prizes: After evaluation of the projects selected by the two CMOS representatives, the jury assigned the following prizes:

#### **FIRST PRIZE: \$200 Purse**

**Jean-Maxime Joannis**, École secondaire Grande-Rivière

*Il pleut de l'acide*

**SECOND PRIZE: \$100 Purse**

**Emmanuelle Lincourt and Gabriel Proulx**, École primaire de l'Équipage  
*Triangle des Bermudes*

**4. FINANCIAL STATEMENT – 2015**

**Balance as of December 31, 2014** **\$18,731.15**

**Plus Income**

Luncheons (9 meetings)	5030.00
CMOS Annual Subvention	852.00
Matching Grant from CMOS for Science Fairs	450.00
Interest Earned on GICs in 2015	<u>244.87</u>

**Total Income** **\$6576.87**

**Minus Expenses**

Luncheons (9 meetings)	6752.46
Ottawa Science Fair	600.00
Expo-sciences de l'Outaouais	300.00
Meal for SCOR Speaker	13.50
Support for Schools on Board	1000.00
Booth at Canadian Climate Forum Symposium 2015	250.00
Purchase of slide changer/pointer	90.39
Stamps and Envelopes	5.25
Bank Service Charge	<u>11.90</u>

**Total Expenses**

**\$9023.50**

**Balance as of December 31, 2015**

**\$16,284.52**

Ann McMillan

CMOS Ottawa - Chair

613.831.5851