This form is used to report on Student Chapter activities over the previous year. The report provides a useful medium to document the status and progress of individual chapters. Annual Reports are used to evaluate applications for SEG support and to keep information up-to-date on the SEG website. Please provide a summary of chapter activities in a concise form as suggested below. Description of programs may be supported by a limited number of photographs and figures in a format appropriate for publishing on our website.

**Submission Deadline: September 30th**
Submit to: studentprograms@segweb.org

<table>
<thead>
<tr>
<th>Month/Year Reported: From 01/2016 (mm/yyyy) – To 09/2016 (mm/yyyy)</th>
</tr>
</thead>
</table>

**Chapter Name:** Student chapter Montpellier

**Chapter Mailing Address:**

**Chapter E-mail:** studentchapter.montpellier@gmail.com

**Chapter Website:**

**Chapter Facebook:** Student-Chapter Montpellier

**Chapter Executive Committee (in office during the time frame captured on this report) (type “Vacant” if position not filled):**

<table>
<thead>
<tr>
<th>Position</th>
<th>Name</th>
<th>E-mail</th>
</tr>
</thead>
<tbody>
<tr>
<td>President</td>
<td>Abdoulaye A. Diaw</td>
<td><a href="mailto:adiaw21@yahoo.fr">adiaw21@yahoo.fr</a></td>
</tr>
<tr>
<td>Vice President</td>
<td>Thomas Kaakeh</td>
<td><a href="mailto:Kaaheh.thomas@gmail.com">Kaaheh.thomas@gmail.com</a></td>
</tr>
<tr>
<td>Secretary</td>
<td>Camille Paquez</td>
<td><a href="mailto:Camillepaquez@gmail.com">Camillepaquez@gmail.com</a></td>
</tr>
<tr>
<td>Treasurer</td>
<td>Cloix Anthony</td>
<td><a href="mailto:anthony.cloix@hotmail.fr">anthony.cloix@hotmail.fr</a></td>
</tr>
</tbody>
</table>

**Chapter Academic Sponsor (SEG Fellow membership in good standing):**

<table>
<thead>
<tr>
<th>Name</th>
<th>E-mail</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHAUVET Alain</td>
<td><a href="mailto:chauvet@gm.univ-montp2.fr">chauvet@gm.univ-montp2.fr</a></td>
</tr>
</tbody>
</table>

**Chapter Industry Sponsor (SEG Fellow membership in good standing and not affiliated with the student chapter’s institution):**

<table>
<thead>
<tr>
<th>Name</th>
<th>E-mail</th>
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</thead>
<tbody>
<tr>
<td>STEIN Gilbert</td>
<td><a href="mailto:gilbert.stein@areva.com">gilbert.stein@areva.com</a></td>
</tr>
</tbody>
</table>

**Sponsoring Institution or Company (name):** Areva

**Attach:**
1. a list of names of all Student Chapter members (please indicate by * if SEG Student Member).
2. complete Student Chapter Membership Information form with the current Executive Committee listed on page 1.

**On a separate page(s) provide a summary of student chapter annual activities:**

1. Regular meetings, lectures
2. Field trips (dates, area visited, field trip leaders, number of participants, sponsors, benefits for students).  
   **Note:** this is not the place for a detailed field trip report that is required from a chapter who has received funding from the Stewart R. Wallace Fund.
3. If your chapter received funding from the Stewart R. Wallace Fund, please submit a separate actual accounting of how chapter funds were spent/used.
4. Organization of conferences, workshops, short courses (theme, number of participants, benefits for students)
5. Participation in conferences, workshops, short courses (theme, number of participants from the chapter, benefits for students)
6. Fund-raising programs
7. Other programs
8. Future plans
Annual Report

University of Montpellier

Association:

Student Chapter of Montpellier
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1 - The Montpellier Student Chapter

Introducing the association

The Montpellier Student Chapter is a student association from the Earth Sciences Teaching Department of the University of Montpellier 2 (DESTEEM), that is composed of students from the Master's program « Exploration and Geology Reservoirs », a professionalizing formation devoted to the characterization of economic reservoir in mining and petroleum environments, forming exploration geologists specialized in basic and specific geology.

The Montpellier Student Chapter is the first one affiliated to both petroleum and mining societies in France. It represents a real opportunity for almost-graduated students willing to get in touch with professional and industrial environment. Indeed, the SEG association allows us to join a vast network of contacts, representing a unique chance to promote and consolidate our formation. By joining the Student Chapter association, our main goal is to create constructive links with academic and industrial partners and to develop projects at different scales, always with the aim of scientific and cultural enrichment, on thematises related to geology but also on transversal disciplines likely chemistry, biology, palaeontology, environment, etc.

Executive committee and members

Since early September, the Montpellier Student Chapter has replaced its participants and the new president is Alexandre HAMON, he is now a student at the « Géologie de l'Exploration et des Réservoirs » Master’s program. The following list contains the names of the group members:

<table>
<thead>
<tr>
<th>Nom</th>
<th>Address mail</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hamon Alexandre (SEG ID : 910733)</td>
<td><a href="mailto:alexandre.hamon@etu.umontpellier.fr">alexandre.hamon@etu.umontpellier.fr</a></td>
</tr>
<tr>
<td>Baral Céline (SEG ID : 910759)</td>
<td><a href="mailto:celine.baral@etu.umontpellier.fr">celine.baral@etu.umontpellier.fr</a></td>
</tr>
<tr>
<td>Andre-Vixens Alexia (SEG ID : 910758)</td>
<td><a href="mailto:alexia.andrevincens@gmail.com">alexia.andrevincens@gmail.com</a></td>
</tr>
<tr>
<td>Escobedo David</td>
<td><a href="mailto:davidesco@hotmail.com">davidesco@hotmail.com</a></td>
</tr>
<tr>
<td>Leveneur Etienne</td>
<td><a href="mailto:etienne.leveneur@gmail.com">etienne.leveneur@gmail.com</a></td>
</tr>
<tr>
<td>Guillemette Antoine</td>
<td><a href="mailto:antoine.guillemette@yahoo.fr">antoine.guillemette@yahoo.fr</a></td>
</tr>
<tr>
<td>Paita Grégory</td>
<td><a href="mailto:greg.paita@icloud.com">greg.paita@icloud.com</a></td>
</tr>
<tr>
<td>Tarabay Elio</td>
<td><a href="mailto:tarabay_elio@hotmail.com">tarabay_elio@hotmail.com</a></td>
</tr>
<tr>
<td>Douillez Samuel</td>
<td><a href="mailto:samuel.douillez@hotmail.com">samuel.douillez@hotmail.com</a></td>
</tr>
<tr>
<td>Omambi Larissa</td>
<td><a href="mailto:flomambi@gmail.com">flomambi@gmail.com</a></td>
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<tr>
<td>Siméon Tristan</td>
<td><a href="mailto:tristan.simeon@hotmail.fr">tristan.simeon@hotmail.fr</a></td>
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<tr>
<td>Tortarolo Lucas</td>
<td><a href="mailto:ttl.lucas@gmail.com">ttl.lucas@gmail.com</a></td>
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<tr>
<td>Landrieu Lucas</td>
<td><a href="mailto:landrieulucas@gmail.com">landrieulucas@gmail.com</a></td>
</tr>
<tr>
<td>Goumy Tristan</td>
<td><a href="mailto:goumytristan@gmail.com">goumytristan@gmail.com</a></td>
</tr>
<tr>
<td>Golin Karla</td>
<td><a href="mailto:kandre96@gmail.com">kandre96@gmail.com</a></td>
</tr>
<tr>
<td>Djiguimde Juvens</td>
<td><a href="mailto:djiguimdejuvens@gmail.com">djiguimdejuvens@gmail.com</a></td>
</tr>
</tbody>
</table>
The coordinates of the Montpellier Student Chapter are the following:

Montpellier University Student Chapter of AAPG ?? est-ce le bon intitule?
Address:
Student Chapter Montpellier, Geosciences
Montpellier - Equipe Bassins, case courrier 060
Université Montpellier 2, Place E. Batallon,
34095 MONTPELLIER CEDEX 05 – FRANCE.
E-mail: studentchapter.montpellier@gmail.com

2 - Meetings and activities

During 2016 the Student Chapter Montpellier have maintained several meetings in order to encourage its participants to achieve projects as: preparing fieldtrips, working on educational programs with children and professional experiences for its members. Here we describe the activities we accomplished in 2016.

Reunions and inside the university activities

Montpellier’s Student Chapter has maintained regular meetings during 2016, here are the dates our group reunion took place:

<table>
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<tr>
<th>Date</th>
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<tr>
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<td>03/02/2016</td>
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<td>10/02/2016</td>
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<td>16/02/2016</td>
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<tr>
<td>29/11/2016</td>
</tr>
<tr>
<td>03/12/2016</td>
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</table>

As a part of our found raising, we also organised “associative breakfast” in the Geosciences department of the university, where students, professors and researchers enjoyed meals prepared by our members in exchange of a free donation.

Professional experiences

RIG 5 and 6 April 2016

Student Chapter’s members participated to the RIG (Resources & Innovative Geology) workshop co-organized by MEDYNA and TERINOV. This workshop brought actors in the field of natural resources exploration and production together, discussing the present and future in this field.

Through the internal organization, Student Chapter financially contributed for half of the sign-up amount for all first year master students in Exploration and Reservoirs Geology (GER).
During this event, 160 people from 11 different countries in the geology field were brought together, from academic and/or professional backgrounds. The conference took place for over 7 days, allowing 37 experts to present their work in various fields of exploration and exploitation of natural resources. For the occasion, the student chapter presented a poster promoting the activities and our goals for the year.

24H de l’innovation au centre de la Terre-Pole AVENIA

Between the 2nd and the 4th December, 4 members of Student Chapter participated at this brainstorming activity at Pau (France). During this activity, different Teams have less than 24 hours to work on the challenge of their choice and recommend a solution.

One of our members and his team achieve the third place among 18 teams, by working on a project proposed by Total, whereas the others Student Chapter members won the “Team cohesion price” (with a project proposed by Total too), and the “best concept” price for a (proposed by a start-up “realtime sismics). This event was a good opportunity for our members to improve their knowledge and mix with professionals and students from others fields. Moreover, they have been invited next January to present their propositions and solutions during a Total board.

Field Trips

Kimmeridge Fieldtrip

This year’s collaboration with the AAPG Student’s Chapter of LaSalle Beauvais allowed five members of Montpellier Student Chapter to take a three days fieldtrip in the region of Weymouth (Dorset, UK) in order to study the geological history of a petroleum system. The main objective was to understand why the petroleum campaigns did not found any vast hydrocarbon reservoirs in the Wessex basin.

They observed elements that constitute the petroleum system, like source rocks, reservoir rocks, migration paths, proper migration timing and traps.

Greece Fieldtrip

The student chapter organized a trip from 20th to 27th May in Greece. This fieldtrip took place into different sites, starting with a visit of a Barite mineralization in Mykonos Island; the second visit was on main land with Mr. Nicholas Skarpelis to study the lateritic deposits in a mining site of LARCO; and the third part was in periphery of Corinth bay with the study of sedimentary structures in a rift setting.
3 - Educational and intergenerational project

This year we want to continue the project initiate by our oldest. Since two years that the Master 1 of Geology of exploration and reservoirs does geological interventions in cycle 3 class of Lavérune. Each year the student did a distinct project to complete geological notions learned during elementary school with field trips and recurrence in class.

This year we choose 2 geological theme:

- **Fossils**
The goal of this field trip is to show to the class that today we found marine fossils on the floor. During the field trip kids are going to found fossils and ask them questions on the surrounding environment (different lithology: marl, limestones). Each kid has to come back with one fossils and he take photos to found together the problematic: What did they do here? Then with photos and picked samples we can answered to our problematic and explain geological notions (sea level modification, mountain formation). To study that we propose different approaches, comparison between fossil and currently life, sand model to create a orogen after ocean closure, and the study of the photos takes on the field to understand the paleoenvironment.

- **Volcanoes**
This theme will unfold in the same way, first we introduce the notion of volcanoes and do a brain storming with kids to put in common their knowledge. After we go to see the volcanoes in Agde to pick up samples and take photos. During the field trip kids compare the different lithology trying to understand how volcanoes rocks arrived here. Then we add a session together in class, during which we do a study of our samples and explain the origin the establishment of volcanoes.

Those themes are perfectly applys with the cycle 3 program of national education, because kids studie “Earth: livings beings in their environment” and “Identify geological and biological components of a landscape”.

4 - Main objectives of our fieldtrip in Morocco

The main objective is to discover the mining activities and glacial deposits in the High and Anti Atlas, southwest of Morocco. Morocco is one the more active mining country close to Europe. On behalf of the MANAGEM group and assisted by Alain CHAUVET, CNRS Researcher invested within the mining geology of Morocco and Flavia GIRARD, professor and glaciology researcher at University of Montpellier. We would like to carry out the following program from 29th mars to 07th april 2017:

1. To visit active mines such as the Imiter and Dra Sfaar ones in order to understand all the professional working activity related to mining exploitation;
2. To visit the treatment laboratories within the mentioned mine exploitations to presence the complex ore treatment process;

3. To study in detail some exploration projects like the Isamlal, some of those haven’t yet been exploited;

4. Making a quick geological tour along the southern part of the High Atlas Hercynian domain, examining the thin skin tectonics characteristics of this area;

5. Making cross sections in the XX basin, a potential place for further oil exploration.

6. Guided by an expert in glaciology, Flavia Girard, we will discover Precambrian outcrops of the Bou-Azzer Glaciation in the XX basin.

Detailed program of the fieldtrip

**J1 (Wed 29) Trip from France to Marrakech**
*Night at Marrakech*

**J2 (Thu 30) Road from Marrakech to Kelaa’t Mn Gouna and cross section of the High-Atlas Mountains**
*Night at Kasbah Azimouna*

**J3 (Fri 31) The Isamlal exploration camp**
*Night at Kasbah Azimouna*

**J4 (Sat 1st) The Imiter Silver active mine – Underground visit and Treatment**
*Night at Kasbah Azimouna*

**J5 (Sun 02) Bou Skour and Bou Isserfane areas**
*Night at Kasbah Azimouna*

**J6 (Mon 03) Touristic geological cross section of the Mn Goun River**
*Night at Kasbah Azimouna*

**J7 (Tu 04) Visit of Precambrian outcrops of the Bou-Azzer Glaciation in the XX basin**
*Night at Marrakech*

**J8 (Wed 05) Road from Kelaat to Marrakech**
Stop at the Imini Mn mine
*Night at Marrakech*

**J9 (Thu 06) Visit of the Hajar-Dra Sfaar VMS mines (MANAGEM) // Touristic visit of Marrakech and surroundings**
*Night at Marrakech*

**J10 (Fri 07) Trip from Marrakech to France**
Projected Budget for Morocco field-trip (16 students + 2 teachers, 10 days):

**Transport:**
- Montpellier-Marrakech round-trip: 150 €/person = **2400 €**
- Bus location (18 seats + driver) and gas: 130 €/day + 450 € = **1750 €**

**Housing and meal:**
- Marrakech (3 days): Hostel (40 €/night/person) + meals (15 €) = **2160 €**
- El Kelaa des Mgouna, Kasbah Azimounda (5 days): 25 €/day/person = **2000 €**

**Helps to students:**
- Help to foreigner’s students Visas: 150 €
- Help to students with a job and low incomes: 100 €

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**Total 1:** 8560 €

**Financing** (certain incomes, based on previous requests by Montpellier Student Chapter):
- SEG: **500 €**
- University of Montpellier: **2000 €**
- Associative breakfast in Montpellier University geosciences department: **850 €**

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**Total 2:** 5000 €

Difference between estimated budget and certain financial helps: **5210 €**

**Request for financial help from AAPG:** 2000 €