



**RAJA  
AMPAT  
RESEARCH &  
CONSERVATION  
CENTRE**  
I N D O N E S I A



## Activities Performed 2017

January: Murata Manufacturing and Sky Energy engineers hosted.

January: Mechanic for the Bell47 helicopter Scott Skipper arrived for one-month volunteer work.

January: Helper for the Bell47 helicopter Rudy Ammer arrived.

January: RARCC staff Andreia Nogueira arrived.

January: Magnaflux testing machine for helicopters wrecks was bought in the USA.

January: Dennis Donovan, from Coastal Inspection Services, did a Non-Destructive Testing (NDT) course in the RARCC.

February: Max Ammer and Andreia Nogueira went to Sentani to meet the head of the Air Force in Papua Province to try a cooperation for our aviation training projects, but the meeting didn't happen. There was conversations with the Federasi Aero Sport Indonesia (FASI) Papua and the vocational and pre-professional high school SMK Penerbangan Sentani for future cooperation. There was also exchanges of ideas with our partner Adventist Aviation Indonesia and the Sekolah Papua Harapan (Papua Hope School, in Indonesian language).

February: Scott Skipper left.

February: Jade Rondonuwu left (she was promoted to assistant manager at Sorido Bay Resort).

February: New director's assistant Billy Matahari arrived.

February: RARCC and Papua Diving organized the first meeting for the establishment of the Raja Ampat Dive Resort Association (RADRA) to address some problems within the Raja Ampat Marine Park.

February: Construction of the helipad started.

February: Library created to organize aviation manuals.

February: New English teacher Rombles Papato arrived.

February: Three crates with framework and helicopter parts brought from The Netherlands to Indonesia.

March: Nine cases with woodworking tools for the RARCC future woodworking school brought from The Netherlands to Indonesia.

March: Executive vice-chair and former President of Conservation International Russell Mittermeier hosted at Papua Diving and guided on two Bird-of-Paradise trips with Kayak4Conservation staff.

March: RARCC and Papua Diving team assisted a liveaboard cruise ship that hit a crossover reef to get off the reef with minimum damage.

March: RARCC organized the second RADRA's meeting. Conservation International, Marine Megafauna Foundation (MMF) and the head of the District Department of Transportation, Becky Rahawarin, also attended.

March: Conservation International staff Mark Erdmann and Meity Mongdong hosted to participate in the second RADRA's meeting (<https://stichting-rarcc.org/news/conservation-international-concerned-future-raja-ampat/>)

March: Coordination of the RADRA's presentation at the Workshop on Sustainable Tourism in Raja Ampat, organized by the Raja Ampat reGENCY in Waisai (<https://stichting-rarcc.org/news/reef-glass-demo/>)

March: BBC crew hosted to film a documentary.

March: Our resident artist Jasmine Kammeyer painted a mural for an informative post on the island village of Arborek.

March: Andreia Nogueira started weekly presentations about the RARCC projects for the Papua Diving guests and guided trips at the

RARCC facilities.

April: David Haag, from Airwave Missions, installed a new Internet system for the RARCC and Papua Diving with our help (<https://stichting-rarcc.org/friends/david-haag-connecting-hidden-villages-papua/>).

April: Solar cells, junction boxes and batteries donated by Murata Manufacturing arrived.

April: Adriano Lopes de Melo, project coordinator at Conservation International (CI) in Brazil, and Cleiudson Lage, manager of the Private Reserve of Natural Heritage Rio do Brazil, hosted during a work trip to exchange ideas for their work in Brazil (<https://stichting-rarcc.org/news/brazilian-environmentalists-visit-rarcc-exchange-experiences/>)

March/April: New building for the solar panels built.

April: Installation of solar panels on the roof of the new building.

April: Sky Energy team hosted.

April: A boat and two new engines Yamaha 40pk donated to the church in the village of Sawandarek.

April: Paint remover for the helicopter brought into Indonesia.

April: The RARCC applied for a National Geographic grant to start a woodworking school, but the result was negative.

April: The pilot googles project was assigned to Nicu Taropa, based in Romania, who was struggling to find a job.

May: New Kayak4Conservation manager Purnama Rismauli Simarmata arrived.

May: One case of coating materials (paint and thinner) brought into Indonesia.

May: American journalist Jennifer Idol, from the Underwater Designer, interviewed RARCC staff.

May: Dwayne Harris, from Philippine Adventist Medical Aviation Services (PAMAS), assisted with the Bell47 helicopter (<https://stichting-rarcc.org/friends/wendy-dwayne-american-couple-saving-lives-philippines/>).

May: New Kayak4Conservation manager Nathan Wilbur arrived.

May: Kayak4Conservation moved from Sapokreng village to Kri island and was established in affiliation with Papua Diving. This move happened only to allow the program to be sold internationally, through tourist agents. As part of an NGO, that wouldn't be possible. However, all the profit will still go to the RARCC after calculation.

May: Mechanic Mark Petrik arrived to help with the Bell47 helicopter for four weeks.

May: RARCC resident technical instructor Rob Postma helped Papua Diving to upgrade its clinic to higher standards, e.i. getting good deals for tools, such as a stretcher.

May/June: Jasmine Kammeyer painted two advertising billboard for Kayak4Conservation to be displayed at the harbours in Waisai and Sorong. Both have also half of a real kayak made by our team.

June: Tertius Kammeyer, Isak Saleo and Nathan Wilbur did a survey in Nabire for an expedition.

June: Shipment of paint for the helicopter brought from Singapore to Indonesia.

June: Rombles Papato started teaching 17 Papuan men working for Papua Diving elementary English. (<https://stichting-rarcc.org/news/rarcc-teaches-english-classes-local-people/>)

June: Construction of the helipad completed.

June: Rombles Papato taught Nathan Wilbur and three managers from Papua Diving Bahasa Indonesia for about one month.

June: Construction of new Kayak4Conservation buildings at Kri island began.

June: Former Kayak4Conservation managers Tertius and Jasmine Kammeyer left (<https://stichting-rarcc.org/friends/jasmine-kammeyer-environmentalist-multiple-talents/>).

June: The RARCC organized a green energy meeting to discuss opportunities and challenges to improve the projects at RARCC and Papua Diving (<https://stichting-rarcc.org/news/rarcc-organizes-green-energy-meeting/>).

June: Hugo Heitling, from the Orange Delta Pte Ltd., hosted to measure the tidal currents and determine areas of opportunity to get energy from the currents near Kri island. Rob Postma helped to collect data. (<https://stichting-rarcc.org/projects/supporting-research/green-energy/>)

May/June: Team from Murata Manufacturing and team hosted to connect their Energy Management System (EMS) at Kri island and to test it. (<https://stichting-rarcc.org/news/rarcc-organizes-green-energy-meeting/>).

June: RARCC hosted a team from Koperasi Ritel Energi Nusantara, a LIPI partner interested in Murata Manufacturing project.

June: RARCC staff Ritly Risakotta arrived.

June: Representative of Divers Alert Network (DAN) at RARCC Rob Postma taught the Papua Diving onsite certified Indonesian nurse John Latumahina the first aid steps needed in taking care of an injured diver (<https://stichting-rarcc.org/news/papua-diving-nurse-empowered-rarcc-better-deal-diver-emergencies/>).

July: Rob Postma started to teach local men working for Papua Diving some of these DAN courses, especially rescue techniques.

June: Rudy Ammer left.

June: Kayak4Conservation trip to train the new managers.

July: Yesaya Mambraku, Ayub Mambrasar and Rombles Papato became resident Kayak guides.

July: Kayak4Conservation trip with the new managers to survey the guesthouses, meet their owners and train the new guides.

July: Children book “Ocean Warriors - Plastic in Paradise”, created for the Friendly Drifter and illustrated by our former artist Jasmine Kammeyer, to tell the children about the effects of plastic in the oceans in Raja Ampat, was published. All proceeds go towards creating more educational materials.

July: Billy Matahari left.

July: Registration of the new Mansoear Flying Club (MFC), the RARCC flying club now legally called Perkumpulan Klub Terbang Mansoear.

July: Andreia Nogueira became director’s assistant and RARCC manager also.

July: Mark Petrik arrived to help with the Bell47 for four weeks.

July: The MFC started a cooperation with the vocational and pre-professional high school SMK Penerbangan Sentani (<https://stichting-rarcc.org/news/mfc-offers-aviation-students-internships/>).

July/August: Ritly Risakotta helped Papua Diving to improve the quality of the food served to their guests.

August: Max Ammer was one of the speakers at the 2nd International Conference on Applied Marine Science and Fisheries Technologies (MSFT) 2017 in Tual, in Maluku Province.

August: Andreia stopped the weekly presentations for the guests due to lack of time. Since then, it happened only when a guest requires it.

August: Rob Postma helped to improve the clinic at Papua Diving with more tools and instruments, such as an autoclave.

August: Shipment of AVGAS (fuel for the helicopter) to Sorong and Nabire for an expedition.

August: English classes finished due to the coming high season at the resorts.

August: Shipment of an old dental chair, kindly donated by Gary Roberts, from Adventist Aviation Indonesia.

August/September: Camping related materials, a rubber boat, a chainsaw, bars and chains brought into Indonesia to set up a camp in the jungle in Nabire for an expedition.

September: Mark Petrik arrived to help to finish the Bell47 for four weeks.

September: Shipment of an Aluminum Tube from Singapore.

September: Shipment of the floats-bags for the helicopter from Bali.

September: Dentist clinic established at the RARCC building.



September: The dentist Joseph Safirstein treated voluntarily dozens of Indonesians, mainly Papuans, working for Papua Diving. He also trained two Indonesian missionary nurses Berni and Mervel from the Adventist Church in Papua who worked in remote areas in the mainland Papua.

September/October: Isak Saleo, Tertius Kammeyer (as a freelance) and Rombles Papato assisted the ichthyologist and author Gerry Allen, the member of the Chairman's Council of Conservation International Richard Sneider, biologist, ecologist and author Jared Diamond and Jeff Maju Aq. in an expedition near Nabire: Lake Yamur and the main Triton Lakes (Kamaka, Laamora and Aiwaso). Max Ammer helped to organized it but he couldn't join because he suffered an accident.

October: RARCC helped the Dutch University of Twente to organize the Workshop in Sustainable Islands held in Papua Diving. Max Ammer was one of the speakers. (<https://stichting-rarcc.org/news/national-international-experts-discuss-opportunities-challenges-create-sustainable-islands-indonesia/>)

October: Max Ammer was interviewed by The Indonesian Expat (<http://indonesiaexpat.biz/featured/solar-energy-sustainable-raja-ampat/>).

October: Students from the high school SMK Penerbangan Sentani Sherly Taime and Alfius Kallem arrived for a one-month internship at the MFC.

October: The RARCC hosted engineers from LIPI working in the Murata project.

October: Helicopter Bell47 finished.

October: The bookkeeping of the RARCC Indonesia was separated from the Papua Diving bookkeeping. Before, 10% of the net profit of Papua Diving was for the RARCC, but half of that amount (5%) wasn't paid

with money, but with services instead, such as meals for the RARCC workers.

October: Andreia Nogueira joined Murata Manufacturing at the 5th International Conference on Sustainable Energy Engineering and Application (ICSEEA 2017), in Jakarta. A representative from the Japanese company was one of the speakers to tell the attendees about their project on Kri island.

October: Andreia Nogueira visited the Indonesia Science Expo 2017 in Jakarta, where a team from Murata Manufacturing shown their project on Kri island.

October/November: New storage room at the hangar built.

November: RARCC and Papua Diving hosted a team from Conservation International and a group of donors of the international NGO.

November: Construction of three Kayak4Conservation guesthouses and one office with a septic tank close to Kri Eco Resort finished. Cooperation with Kri Eco Resort to serve the meals for the guests started.

November: Max Ammer was interviewed for The Telegraph (<https://www.telegraph.co.uk/travel/destinations/asia/indonesia/articles/going-off-grid-in-raja-ampat/>).

November: New volunteer Ivan Snyder arrived to help with the Bell47 and other technical projects.

November: Ritly Risakotta left.

November: The RARCC helped to bring the boat KLM Cendrawasih from mainland Papua to Raja Ampat and hosted a team when they

arrived. The boat will be used in Kayak4Conservation expeditions to Wayag.

November: RARCC hosted Jasper Ivan Iturriaga, a video maker who plans to film a video about the RARCC.

November: Debora Lumentah was hired in part-time as the head of the finance department of the RARCC Indonesia.

December: Hanna Kombado joined the RARCC finance team as a volunteer.

December: Carolyn Beasley, from The Ethicalist, interviewed RARCC staff.

December: RARCC and Papua Diving hosted a team from Murata Manufacturing and LIPI, including the head of its Research Centre for Electrical Power and Mechatronics, Budi Prawara.

December: RARCC and Papua Diving assisted Professor Vincent Dufour, from the University of Montpellier, in a one-week survey to test new techniques of video assessment and to make an assessment of the potential for studying reef fish larvae in Raja Ampat.

December: Max Ammer was interviewed by Eco-Business (<http://www.eco-business.com/news/can-this-dive-resort-save-the-last-paradise-on-earth/>). The RARCC and Papua Diving assisted the reporter during his time in Raja Ampat.

December: RARCC hosted a team from Energy Renewed to try to improve the green energy initiatives at RARCC and Papua Diving.

December: RARCC hosted a team from LIPI.

December: Rob Postma implemented a storage system to keep air and nitrox in big tanks for Papua Diving. The energy got from the solar panels is now kept there until the evenings, when the resorts have to fill their scuba tanks.

December: Fiberglass team started the coating of a big water tank where Papua Diving keeps raining water for the resort.

January/December: Six wheelbarrows finished.

December: Shipment of an Aluminum Tube for the helicopter from the USA.