

ICTAR

**International Conference on
Transdisciplinary Approach Research**

Organized by Universitas Negeri Gorontalo Indonesia and Ehime University Japan

August 19, 2017

Conference Book



EHIME UNIVERSITY

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Preface

ICTAR 2017

We are happy to host this year's ICTAR 2017 (International Conference on Transdisciplinary Approach Research) in Universitas Negeri Gorontalo. I would like to welcome all of you to historic and beautiful city of Gorontalo. This part of the world is where the scientific revolution about understanding nature started. Instead of explaining natural phenomena by recourses traditional religion or myth, the cultural climate was such that men began to form hypothesis about the natural world based on ideas gained from both personal experience and reflection. In the words of the founder of our university, to whom we are deeply grateful creating this institution, our world is today going through a new era that is commonly referred to as the "age of information". Globalization is eliminating frontiers as well as drawing men together while raising competition from a regional to a global level. In an age such as where the content and scope of information has reached such great dimensions, there are fundamental principles that enable institutions and states to survive and be successful; acquire Knowledge and to use and share it efficiently. Universitas Negeri Gorontalo strive to achieve this by stressing creativity, inquisitiveness, a multi-faceted learning environment academic excellence.

As the Chairperson of the Organizing Committee, I take the privilege to welcome you to epoch-making conference on ICTAR 2017 (International Conference on Transdisciplinary Approach Research), taking place for the first time in Gorontalo, Indonesia. We hope by opportunity Universitas Negeri Gorontalo and the beautiful city of Gorontalo will be known better.

We would like to thank our Rector, Prof. Dr. Syamsu Qamar Badu, M.Pd and Board of trustees of Universitas Negeri Gorontalo for their vast support for hosting ICTAR 2017 International Conference on Transdisciplinary Approach Research. We thank Conference Chair Prof. Masayuki Sakakibara and Conference Secretariat for this collaborative conference. Finally we thank all plenary speakers and all contributors for attending this year's ICTAR 2017 and visiting us in Universitas Negeri Gorontalo, Gorontalo. We hope that you will enjoy your stay here and look forward to welcoming you in the following year's conference.

August 19, 2017

On behalf of the local Organization Committee

Ranili Uthia

Chairs

INTERNATIONAL CONFERENCE ON TRANSDISCIPLINARY APPROACH (ICTAR – 2017)

Conference Theme :

ELEVATING INNOVATION THROUGH TRANSDISCIPLINARY RESEARCH

The International Conference on Transdisciplinary Approach (ICTAR – 2017) will take place August, 20, 2017 at Hotel Damhli Universitas Negeri Gorontalo, Indonesia. ICTAR 2017 is premier forum in Asia for the presentation of new trends, innovations, advances and research results in Transdisciplinary research. The aims of the conference is to bring together leading academics, scientists and researchers from around the world to a common forum to exchange and share their experiences and research results on all aspects of Transdisciplinary Approach Research. It also provides a premier interdisciplinary platform for researchers, practitioners, educators to present and discuss the most recent innovations, trends, and concerns as well as practical challenges encountered and solutions adopted in the fields of Transdisciplinary Research.

Conference Topics

- Arts , Science and digital technology
- Agricultural, Forestry, Fishery
- Animal Science and Veterinary
- Biological Science and Biotechnology
- Business, Economics, Marketing, Accounting, Banking & E-Commerce
- Climate Change, Renewable Energy & Environment
- Communication, Journalism and service science
- Culture, Religion & Philosophy
- Education, Teaching & Technology
- English Language Teaching & Applied Linguistics
- Engineering sciences, Technology & Applications, Information Technology (IT)
- Geography and Geology
- Global Studies, Regional studies & International Relations
- Health and Medicine, Pharmacy
- History , Archaeology and Spiritual studies
- Law & Justice & Legal studies
- Mathematics, Statistics, Artificial Intelligence
- Physical and Life sciences
- Public Health, Nursing & Care Services
- Social Sciences , Humanities and Life sciences
- Sport Science and Psychology
- Transdisciplinary Studies
- Travel, Tourism & Hospitality & Leisure Industry

Keynote and Invited Speakers

- Drs. H. Rusli Habibie, MAP (Governor Gorontalo).
- Prof. Dr. Syamsu Qamar Badu, M.Pd (Rector of UNG)
- Prof. Katsushi Nishimura (*President, Faculty of Collaborative Regional Innovation, Japan*)
- Kenji Okazaki (*National Research and Development Agency, Japan*)

Organizer

Universitas Negeri Gorontalo, Indonesia in cooperation with Ehime University, Japan

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political context. This paper uses ethnographic approach in tracing the data, and cultural studies framework in analysing the cultural phenomena.

Evaluation of National Community Empowerment Program (PNPM-Mandiri) Implementation in Rumbia Village, Botutonuo Subdistrict, Boalemo Regency

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The purpose of this research is to discover the mechanism, success, and sustainability of National Community Empowerment Program (PNPM-MANDIRI) implementation in Rumbia Village, Botutonuo Subdistrict, Boalemo Regency. The qualitative descriptive method was used in this research that the data were collected from observation, questionnaire, and documentation. The results reveal that: 1) the mechanism of National Community Empowerment Program implementation achieves quite high percentage of 71.64% in a means that the mechanism has been done as the procedure; however there is a lack of person in charge of the program and the facilitator that is unavailable all the time to follow up people's complain. 2) the success of National Community Empowerment Program implementation reaches a low percentage of 72.07% which means that this program is unsuccessfully implemented towards society's welfare although local government serves the poor people through this program. 3) the sustainability of National Community Empowerment Program implementation achieves at a low percentage of 74.11% which indicates that the implementation of this program has been right on target to accelerate poverty reduction. Nevertheless, it is only applied to farming and micro business as the program benefit recipients. People's role as the public supporter of the policy is very crucial in supporting and guaranteeing the success and the sustainability of this program policy and implementation.

Women' collective memory of tradition and oral narratives and its roles to preserve Limboto Lake

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Limboto lake is vital for the lives of many people who have been living there for hundred years, as well as this support the lives of people in Gorontalo. However, this graceful lake has turned into a catastrophic lake in the present. This takes place not only because natural causes but also social changes that affect the lives

of people from time to time and their way of treating the lake. This paper examines the roles of women' collective memory of tradition and oral narratives that is significant in preserving Limboto Lake in Gorontalo. Women' traditional attachment to family is essential to pass down the collective memory from one generation to the next. This study uses ethnographic method in tracing women' collective memory of oral tradition in society that related to preservation of the lake

The Competence of Administrative Employees in Archive Management at Vocational High Schools (SMK) in Gorontalo Regency

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¹*State University of Gorontalo*

The purpose of this research is to examine: 1) the technical competence of administration in the management of archives at the vocational high schools (SMK) in Gorontalo Regency, 2) the competence of administrative personality in the management of archives at SMK in Gorontalo Regency, 3) the social competence of administration in the management of archives at SMK in Gorontalo Regency. The method used was a descriptive quantitative approach. Data collection techniques utilized questionnaires and documentation. The result of the research shows that: 1) the technical competence of administrative staff in the management of the archives in the vocational schools in Gorontalo District is in good category with the percentage of 79.3%, 2) the personality competence of the administrative staff in the management of the archives in the vocational school Gorontalo Regency is in good category with the percentage 88.4%, 3) the social competence of administrative officers in the management of the archives in the vocational schools in Gorontalo district is in good category with the percentage of 87.3%. The competence of administrative staff in the management of archives in SMKs in Gorontalo Regency is in good category and gets an average of 85%, and thus needs to be improved and maximized. Therefore, it is suggested that: 1) for the school, the cooperation between schools should be enhanced in various fields, the coordination needs to be improved so as to create good cooperation; 2) for the administrative staff, cooperation with other administrative officers should be enhanced so that the work can be completed optimally. Employees must be more diligent, patient, and earnest in carrying out the task so that the expected goals can be actualized. Also, employees' communication needs to be improved. 3) for the next researcher, it is expected that this study to be further explored especially on aspects that have not been examined by previous investigators.

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