

# The Lake Victoria Comprehensive Ecosystem and Aquatic Environment Research for Development Project (通称LAVICORD)

ビクトリア湖の水環境・生態系の包括的研究開発プロジェクト

長崎大学 (工学部, 水産学部)・マセノ大学

ケニア国立海洋水産研究所(KMFRI)・モイ大学

2014.2-2016.8 予算総額1億3600万KES (約1億5千万円)

## 3つの研究グループが活動

1. 環境 (長大工・水, マセノ)
  - ・ビクトリア湖ケニア水面の水理シミュレーションモデル開発
  - ・ビクトリア湖の水環境汚染の現状把握
2. 水工学 (長大工, マセノ, モイ)
  - ・湖水利用を促進するバイオフィェンスシステムの開発
  - ・簡易型の汚水リサイクルシステムの開発
3. 水産 (長大水, マセノ, KMFRI)
  - ・ナイルパーチ養殖技術の開発
  - ・湖の魚類を使ったケニア風カマボコの開発
  - ・乱獲を抑制するトラップネット漁具の開発



Ogal(地名)に設置したバイオフィェンス



バイオフィェンスで濾過された湖水(一番左)



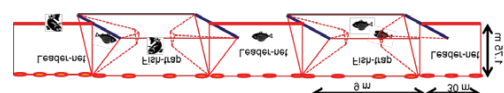
生け簀養殖で育てられたナイルパーチ



ビクトリア湖産の魚でつくられたケニア風カマボコとナイロビで行われた試食会



待つて獲るので漁業者間の競争を煽らないトラップネット







# Programme

Venue: Acacia Premier, Main Hall

Date: 22<sup>nd</sup> July 2016, Friday

## Part I

### *LAVICORD 2 years Progress & Future Prospects*

| TIME   | ACTIVITIES                        | SPEAKERS   |
|--|-----------------------------------|--|
| 08:30 – 09:00  | Registration                      |  |
| <b>OPENING SESSION</b>   |                                   |  |
| <b>Master of Ceremony: Mr. Owen Maconyango, Director Public Relations office</b><br><b>Chair: Prof. Joseph Chacha, Deputy Vice Chancellor, Maseno University</b> |                                   |  |
| 09:00 - 09:05  | Opening Prayer                    |  |
| 09:05 – 09:10  | Welcoming Remarks                 | DVC-PRI of Maseno University                                 |
| 09:10 - 09:20  | Opening Speech                    | Prof. Julius Nyabundi, Vice Chancellor,<br>Maseno University |
| 09:20-09:30  | Opening Speech                    | Prof. Shigeru Katamine<br>President of Nagasaki University   |
| 09:30-09:40  | Statement of Support for Research | H.E Jacktone Ranguma, The Governor<br>Kisumu County          |
| 09:40-09:50  | Statement of Support for Research | H.E Cyprian Awiti, The Governor<br>Homa-Bay County           |
| 09:50-10:10  | Speech                            | H.E Ambassador of Japan                                      |



Lake Victoria Comprehensive Ecosystem and Aquatic Environment  
Research for Development Project  
(LAVICORD)



10:10-10:20      Speech      Hon. Judi Wakhungu, Cabinet Secretary, ME&NR

10:20-10:40      **TEA/COFFEE BREAK**

**REPORT ON RESEARCH PROGRESS**

**Chair: Prof. Collins Ouma, Maseno University**

10:40 – 10:55      **LAVICORD Video Presentation**

10:55 – 11:10      **Outline of LAVICORD**

Prof. W. Otieno Principal Advisor,  
LAVICORD

11:10 - 11:15      **Report on Component 1 - *Water Pollution***

Dr. R. Owiga (Maseno University)

11:15 – 11:30      **Presentation**

Prof. A. Tada (Nagasaki University)

11:30 - 11:35      **Report on Component 2 - *Engineering***

Dr. C. Kowenje (Maseno University)

11:35 – 12:50      **Presentation**

Prof. T. Itayama (Nagasaki University)

12:50 - 12:55      **Report on Component 3 - *Fisheries***

Ms. P. Boera (KMFRI)

12:55 – 12:10      **Presentation**

Prof. Matsushita (Nagasaki  
University)

12:10 - 12:25      **Questions and Answers Session**

**ALL**

12:25 – 12:35      **Statement on Research Support**

H.E Cornel Rasanga, The Governor of  
Siaya County

12:35 - 12:45      **Statement on Research Support**

H.E Sospeter Ojamong', The Governor  
of Busia County

12:45 - 12:55      **Statement on Research Support**

H.E Zachary Obado, The Governor of  
Migori County

12:00-14:00      **LUNCH BREAK**



## Part II

# *Symposium on Development on Lake Victoria Region; Water, Fisheries & Ecosystem*

**Chair: Prof. A Hagiwara**

|               |  |   |
|---------------|--|---|
| 14:00 -14:30  | Keynote Speech   | Prof. Nakamura  |
| 14:30 -15:00  | Panel Discussion/Session 1<br><i>Moderator: Prof. Sitati</i>   | <b>Water Quality</b><br>Dr. J. Kibiiy, Prof. Shimizu, Prof<br>Kiyasu, Prof. Kawabata, Dr. C.<br>Kowenje         |
| 15:30 - 15:40 | Questions and Answers  | All   |
| 15:40 - 16:10 | Panel Discussion/Session 2<br><i>Moderator: Dr. E. Wakwabi</i> | <b>Fishery</b><br>Prof. Ichikawa, Prof. E. Waindi, Prof.<br>Watabe, Dr. D. Owiti, Mr K. Werimo,<br>Dr. E. Atera |
| 16:10 - 16:20 | Questions and Answers  | All   |
| 16:20-16:25   | Vote of Thanks   | Dr. T. Odende (Director of Fisheries,<br>Busia County)  |
| 16:25-16:30   | Closing remarks  | Prof. Y. Ichinose   |
| 16:30         | <b>TEA/COFFEE BREAK</b>  |   |
| 18:00         | <b>COCKTAIL PARTY</b>  |   |



## Date: 23<sup>rd</sup> July 2016 Post Conference Excursion

**Course 1** (Guided by Ms. Kito)

### Trapnet Fishing Observation

Acacia Hotel- Wichlum- Trapnet Fishing Observation-Wichlum-Kisumu Airport

5:00 a.m      6:45      7:00                      7:45      8:00                      9:30

**Course 2**(Guided by Dr. Marcial and Morikawa)

### Visit the Cage fish Culture & Biofence

Acacia Hotel-Usenge-Boat trip to Mageta Island (Cage Fish Culture Observation)

8:00                      10:00    11:00    12:00

Usenge-Bondo (Lunch)-Ogal Beach (Bio-fence)-Kisumu Town

13:00      13:30      14:30                      15:15      15:45                      16:30

*\*Free Transport and Meals will be provided*

*\*Please confirm your attendance to the following contacts by 16<sup>th</sup> July 2016;*

Prof Wellington Otieno    0720-819576                      restechmaseno@yahoo.com

Prof Yoshikatsu Seko      0718-306968                      markx4311@yahoo.co.jp