Challenges....training for highly qualified animal scientists for the Asian region

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ABSTRACT: Animal science education and research capacity building especially the highly qualified animal scientists/researchers are important component in the agricultural development for providing animal food products for the increasing global population. Animal science education and the researchers must be well-prepared and improved as the region is becoming the Asian Union (AU) in the year 2015. Potential ways for development concerning the above are outlined, presented and discussed in this paper.

Keywords: Capacity building, animal science, researchers, think globally, act locally

Background

Capacity building and human resources are important required in order to keep pace with global population increase and animal protein food demand, particularly for the Asian region, as it will become the Asian Union (AU) in the year 2015. However, International standard education and highly qualified animal scientists (HQAS) have not been sufficient and urgently require further improvements.

Improvement and strengthening can be done through mutual cooperation and collaborations between the South–to–South especially from the stronger South to the developing South Institutions. Concerning improvement of HQAS there are potentially numerous ways, including preparation of each individual scientist and interactions between and among senior and young scientists.

Several approaches involving senior scientists with vast experiences with new starting scientists, together with graduates students in the hands-on education and research experiences are most promising.

Providing opportunities for the young scientist to participate in the Workshops, Conferences/Congresses. This will them give a chance to interact with other scientists to create new visions and perspectives especially the: Think globally and act locally”.

Among many other factors, improvement the ability of languages especially English and the regional languages such as Vietnamese, Laotian and Cambodian, computer skills and knowledge of relevant data-base information are utmost required. Common bridges and dialogue among scientists and that continuous activities must be established and organized. In addition funding for such academic and research activities must be provided and recruited for.

On top of others, the characteristics and qualifications of the graduates students and the researchers pertaining to their enthusiasm, creativeness, ambition, dynamisms with their research-minded oriented must be fulfilled.

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Conclusion

As Thailand will become a stronger member of the AU, it is challenging for all concerned to have well preparedness with their capacity building and the highly qualified animal scientists to serve the growing population and with their increase demand in animal food products especially at graduate level and the capable researchers. It is therefore, recommended and emphasized that there is a wake-up call urgently for the more cooperation and collaborations among Institutions and the South-to-South with the underpinning support of the North-to-South in building the scientific community, particularly in the Asian region. Further details will be presented and discussed in the forum.

The following figure shows pathway and stepwise and their relationships in improving the highly qualified animal scientists/researchers.

Figure 1 Presentation of the development of the highly qualified animal scientists/researchers.