



**August 16-20, 2016**  
**Kunming, Yunnan, China**



**5<sup>th</sup> Sustainable Phosphorus Summit 2016**  
**(SPS 2016)**  
**(the first circular)**



Dear all,

I would like to inform you about the 5<sup>th</sup> Sustainable Phosphorus Summit (SPS 2016), to take place in Kunming, China, 16<sup>th</sup>-20<sup>th</sup> August, 2016.

Kunming is the capital of Yunnan Province in Southeast China, which is “Hot Spot” of biodiversity in the world. Yunnan has 24 minority groups with diversity of culture, food and custom as well as beautiful landscape.

As partner of the SPS2016, Yuntianhua Group in Kunming is the first in Asia and second largest fertilizer company in the world. The whole chain for P production in Yuntianhua includes ore production, low-grade phosphate rock beneficiation, processing and refining of P, P fertilizer production, mining land reclamation and so on.

SPS 2016 is the fifth of a young and successful series of Sustainable Phosphorus Summits that was launched in Linköping (Sweden) in 2010, and then went to Tempe (USA) in 2011, Sydney (Australia) in 2012 and Montpellier (France) in 2014, as related to the Global Phosphorus Research Initiative. It is a global multidisciplinary event to discuss the phosphorus production and utilization, management and sustainability.

Phosphorus is an essential element for the physiological activities of all living

organisms. Phosphorus sustainability attracts worldwide concerns. The focus is thus on fundamental research, societal concerns and application areas in the six following domains:

- (1) **P Reserve and Mining:** Sustainable technologies and policies related to global phosphate rock resources and innovative mining;
- (2) **Production of P fertilizer:** Potential technologies for improving the production efficiency of phosphate fertilizer in the phosphate industry;
- (3) **Sustainable Use of P:** Strategies and management for improving the efficiency of phosphorus utilization in agricultural production, livestock and poultry industry;
- (4) **Holistic P Flow:** Analysis and evaluation of phosphorus flow in natural and social systems (biogeochemistry-cycling system, household consumption and even beyond);
- (5) **Environment Sustainability:** Environmental problems caused by phosphorus accumulation in soils and water bodies, and the measures to deal with them.
- (6) **Global and Regional Governance:** Governance issues and solutions, and the policy to reduce phosphorus vulnerability.

SPS 2016 will define the global phosphorus research priority agenda, integrating phosphorus-related issues across scales, geographical regions and scientific domains. To do so, we will bring together scientists and stakeholders from worldwide, to strengthen exchanges of views across discipline boundaries and societal domains. Phosphorus sustainability is a big concern in China, so we will have a China dedicated session to discuss the sustainable phosphorus management along its whole cycle in China, including phosphate mining, phosphorus fertilizer use in agriculture, phosphorus pollution, and phosphorus flow.

As a supporting event, the annual conference on China National Nutrient Management will also take place before SPS 2016, focusing on nutrient resource management in China. You will have the opportunity to attend both events, which is part of this unique China Nutrient Management week 2016.

The conference will be hosted by China Agricultural University and Yuntianhua Group in Kunming, China, 16<sup>th</sup>-20<sup>th</sup> August, 2016.

I believe that this forthcoming Summit will make great contribution on global Phosphorus Sustainability issues. I sincerely invite you to attend the Summit. More information will be delivered later.

Yours sincerely,

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On behalf of Organizing Committee

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