

## Accepted Manuscript

Adaptive Batch Normalization for Practical Domain Adaptation

Yanghao Li, Naiyan Wang, Jianping Shi, Xiaodi Hou, Jiaying Liu

PII: S0031-3203(18)30092-X  
DOI: [10.1016/j.patcog.2018.03.005](https://doi.org/10.1016/j.patcog.2018.03.005)  
Reference: PR 6482

To appear in: *Pattern Recognition*

Received date: 13 August 2017  
Revised date: 26 February 2018  
Accepted date: 4 March 2018

Please cite this article as: Yanghao Li, Naiyan Wang, Jianping Shi, Xiaodi Hou, Jiaying Liu, Adaptive Batch Normalization for Practical Domain Adaptation, *Pattern Recognition* (2018), doi: [10.1016/j.patcog.2018.03.005](https://doi.org/10.1016/j.patcog.2018.03.005)



This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

**Highlights**

- A novel domain adaptation technique called Adaptive Batch Normalization (AdaBN).
- The effectiveness of AdaBN is validated for both single source and multi-source domain adaptation tasks.
- Experiments on the cloud detection for remote sensing images demonstrate the effectiveness of AdaBN in practical use.

Download English Version:

<https://daneshyari.com/en/article/6938976>

Download Persian Version:

<https://daneshyari.com/article/6938976>

[Daneshyari.com](https://daneshyari.com)