

## **INHALT**

<b>EDITOR'S PREFACE</b> A. Shukla, A. Misra, M. Islam	6
<b>UNIVERSITY OF OLDENBURG: MOTIVATION, EXPECTATIONS AND CAREER</b> A. Shukla	8
<b>STUDYING FOR A SUSTAINABLE ENERGY FUTURE: 200 MSC GRADUATES FROM PPRE OLDENBURG</b> M. Golba, E. Knagge and K. Blum	14
<b>LESS DAMAGE – MORE BENEFITS, HOW TO BUILD BETTER DAMS?</b> J. Baur, J. Rudolph	21
<b>RENEWABLE ENERGY SCENARIO: BANGLADESH PERSPECTIVE</b> M. Islam	27
<b>OVERVIEW OF RENEWABLE ENERGY DEVELOPMENTS IN GEORGIA</b> B. Kekelia	50
<b>A NEW TOOL FOR PERFORMANCE ANALYSIS AND ASSESSMENT OF PHOTOVOLTAIC SYSTEMS: THE PERFORMANCE DATABASE</b> U. Jahn	64
<b>ORGANIC SOLAR CELLS, A CHALLENGE AT PRESENT, A HOPE FOR THE FUTURE</b> D. Chirvase	72
<b>A BRIEF REVIEW OF SOLAR ENERGY IN GREECE</b> L. Pilalas	84
<b>THE GROWTH OF SOLAR PHOTOVOLTAICS IN INDIA</b> A. Shukla, A. Misra	84
<b>MEETING ENERGY NEEDS BY USING WATERMILLS: SHOWING SUCCESS IN INDIA AND NEPAL</b> O. P. Poudel, A. Shukla	94

<b>SOLAR PV SYSTEMS: POSSIBLE OPTION FOR PROVIDING ELECTRICITY IN RURAL HOUSEHOLDS OF CAMBODIA</b> H. Bora, A. Shukla	119
<b>PASSIVE SOLAR ARCHITECTURE: COOLING STRATEGIES FOR BUILDINGS</b> A. Misra	138
<b>SOLAR HYBRID POWER SYSTEMS: AN OVERVIEW</b> G. K. Hegde, R. Madomercandy, B. Parthan	153
<b>A CASE FOR LOCAL MANUFACTURE: ACCELERATING MARKET DIVERSIFICATION OF AFFORDABLE AND LOCALLY PRODUCED PV APPLIANCES THROUGH MICRO ENTERPRISES</b> B. Osawa	169
<b>RENEWABLE ENERGY DISSEMINATION: PICO HYDRO IN KENYA SOME KEY ISSUES IN USING A PARTICIPATORY SCHEME.</b> F. X. Ochieng	179
<b>DEVELOPMENT OF RENEWABLE ENERGY IN MONGOLIA</b> J. Khishigbayar	201
<b>MICRO HYDROPOWER, A TOOL FOR LIVELIHOOD CHANGE AN EXPERIENCE OF NEPAL</b> R. P. Dhital	211
<b>RENEWABLE ENERGY PROGRAMMES IN SOUTH AFRICA</b> Dr. L. Athiemoolam	220
<b>PLAN DE FOMENTO DE LAS ENERGÍAS RENOVABLES EN ESPAÑA (PLAN TO FOSTER RENEWABLE ENERGIES IN SPAIN) THE FINAL TAKE-OFF FOR RENEWABLES IN SPAIN?</b> J. Avellaneda de la Calle	233
<b>RENEWABLE ENERGY IN UZBEKISTAN - POTENTIAL AND PERSPECTIVES</b> A. Komilov	246
<b>DESIGN AND CHARACTERISATION OF A COMPOUND BOX-REFLECTOR SOLAR COOKER FOR USE IN ZIMBABWE</b> Z. Chiguvare	257